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September 24, 2010

Ms. Elizabeth Werner  
North Carolina Department of Environment and Natural Resources  
Solid Waste Section  
401 Oberlin Road, Ste. 150  
Raleigh, NC 27605

Subject: Cumberland County, North Carolina  
Wilkes Road Yard Waste Treatment and Processing Facility  
Land Clearing/Inert Debris Landfill  
Closure Certification

Dear Elizabeth:

As previously indicated in our correspondence to you on April 20, 2010 Cumberland County does not plan on re-opening the Wilkes Road Land Clearing/Inert Debris (LCID) Landfill – Permit No. 26-F. The 10-acre landfill was capped by the County using a 1-foot-thick compacted soil cover in August 1992 and has not been operated since. On August 23, 2006 the County received a Permit to Operate (PTO) through July 24, 2011 for the Wilkes Road Yard Waste Treatment and Processing Facility (Permit No. 26-10), which included the yard waste treatment and processing area, a household waste collection area and the previously permitted LCID landfill.

As a requirement of the County's Treatment and Processing Permit Application for the facility the County was required to verify the 1-foot-thick compacted soil cover over the LCID landfill in accordance with 15A NCAC 13B .0566 (5). CDM's verification of the minimum cover cap requirement was provided within Section 1.4 of the permit application. To confirm the 1-foot-thick compacted soil cover still met the minimum cover cap requirements, CDM field verified the conditions on September 9, 2010 by hand auguring 60 test pits approximately 50 to 75 feet apart as shown on the attached Figure 1. Based on our investigation the cover cap thickness was a minimum of 12 inches (one foot) in all 60 locations.



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The intent of this letter is to provide certification meeting requirements 1 and 2 of your letter dated September 3, 2010. Within the next two weeks CDM, on behalf of the County will provide, under separate cover a copy of the deed for the LCID property. Upon submittal of this information, it is our understanding that the County will have met all requirements for closure of the LCID landfill and will be available to meet with Mr. Drew Hammonds to conduct a final inspection to determine compliance with the closure procedures. If you have any additional questions, please do not hesitate to call me at (919) 325-3500.

Regards,

W. Michael Brinchek, P.E.  
Camp Dresser & McKee

Enclosures

cc: K. Hall, CCSWD  
M. Sanford, CDM



09.24.2010



# Legend

- Sampling Point
- ⊕ Yard Waste Facility
- ⊕ Tax Parcels
- ⚡ Roads



**Figure 1**

**Cumberland County, NC  
Wilkes Road  
Yard Waste Facility  
Closed LCID Landfill  
Soil Depth Measurement**



Table 1  
Cumberland County, NC  
Wilkes Road  
Yard Waste Facility  
Closed LCID Landfill  
Soil Depth Measurement

Point ID	Depth	Pipe ID	Depth
1	>= 12 inch	31	>= 12 inch
2	>= 12 inch	32	>= 12 inch
3	>= 12 inch	33	>= 12 inch
4	>= 12 inch	34	>= 12 inch
5	>= 12 inch	35	>= 12 inch
6	>= 12 inch	36	>= 12 inch
7	>= 12 inch	37	>= 12 inch
8	>= 12 inch	38	>= 12 inch
9	>= 12 inch	39	>= 12 inch
10	>= 12 inch	40	>= 12 inch
11	>= 12 inch	41	>= 12 inch
12	>= 12 inch	42	>= 12 inch
13	>= 12 inch	43	>= 12 inch
14	>= 12 inch	44	>= 12 inch
15	>= 12 inch	45	>= 12 inch
16	>= 12 inch	46	>= 12 inch
17	>= 12 inch	47	>= 12 inch
18	>= 12 inch	48	>= 12 inch
19	>= 12 inch	49	>= 12 inch
20	>= 12 inch	50	>= 12 inch
21	>= 12 inch	51	>= 12 inch
22	>= 12 inch	52	>= 12 inch
23	>= 12 inch	53	>= 12 inch
24	>= 12 inch	54	>= 12 inch
25	>= 12 inch	55	>= 12 inch
26	>= 12 inch	56	>= 12 inch
27	>= 12 inch	57	>= 12 inch
28	>= 12 inch	58	>= 12 inch
29	>= 12 inch	59	>= 12 inch
30	>= 12 inch	60	>= 12 inch