

Wilson, Donna

From: Weispenning, Aaron <WeispenningAM@cdmsmith.com>
Sent: Wednesday, July 08, 2015 1:19 PM
To: Wilson, Donna
Cc: Karen Hall (khal@co.cumberland.nc.us)
Subject: Wilkes Road Improvements to Site Operations Report
Attachments: Improvements to Site Operations Report.pdf

Donna,

Attached is the Improvements to Site Operations Report as required by Permit 2610-Compost. I can mail you a hard copy of the report if necessary.

Please let me know if you have any questions or comments.

Thanks,
Aaron

Aaron M. Weispenning, P.E. | Engineer | CDM Smith | 5400 Glenwood Avenue, Suite 400 Raleigh, NC 27612 | T: 919-325-3532 | F: 919-781-5730
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July 8, 2015

Ms. Donna Wilson
Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
1646 Mail Services Center
Raleigh, NC 27699-1646

Subject: Wilkes Road Yard Waste Facility
Improvements to Site Operations Report
Cumberland County

Dear Ms. Wilson:

CDM Smith Inc. is pleased to submit this Improvements to Site Operations Report for the Wilkes Road Yard Waste Facility. As specified in Permit Condition 9 of Attachment 3 in Permit 2610-Compost issued on June 9, 2015 the following improvements to site operations were made by July 1, 2015: preparing the LCID landfill cover for use as a storage area for wood material and mulch (overflow stockpile area), reducing the size of mulch piles onsite to no larger than 30 feet high and 50 feet wide, moving wood waste/mulch and compost piles at least 25 feet from drainage ditches, and installation of boundary markers. Photos were taken of site improvements and the overflow stockpile thickness verified on June 25, 2015. A photo log documenting site improvements is attached.

Based on a survey of the property line, boundary markers along the northern and southern boundaries were established in order to maintain a 50 foot buffer to the property line and a 25 foot buffer to the drainage ditches. Wood waste/mulch and compost piles were moved at least 25 feet from onsite drainage ditches and mulch piles were reduced to no larger than 30 feet high and 50 feet wide. A 0.56 acre overflow stockpile area for unprocessed and processed material was constructed over the LCID landfill using a minimum of one foot of soil cover on top of the landfill cap. Four cover thickness borings as shown on **Figure 1** were completed using a hand auger to verify that soil cover was greater than one foot. A gravel all-weather access road was constructed to provide access to the overflow stockpile area and prevent damage to the LCID landfill cap. The overflow stockpile area may be expanded in the future by placing additional soil cover on top of the landfill cap in the event additional storage space for unprocessed and processed material is required. The existing conditions sheet (Figure 1) has been updated to include the presently constructed limits of the overflow stockpile area.





Ms. Donna Wilson
July 8, 2015
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On behalf of Cumberland County, we appreciate your willingness to work with us regarding this matter. If you have any questions or need additional information, please do not hesitate to contact me at (919) 325-3532 or by email to: weispfenningam@cdmsmith.com.

Very truly yours,

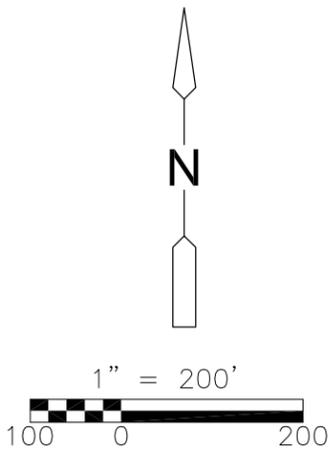
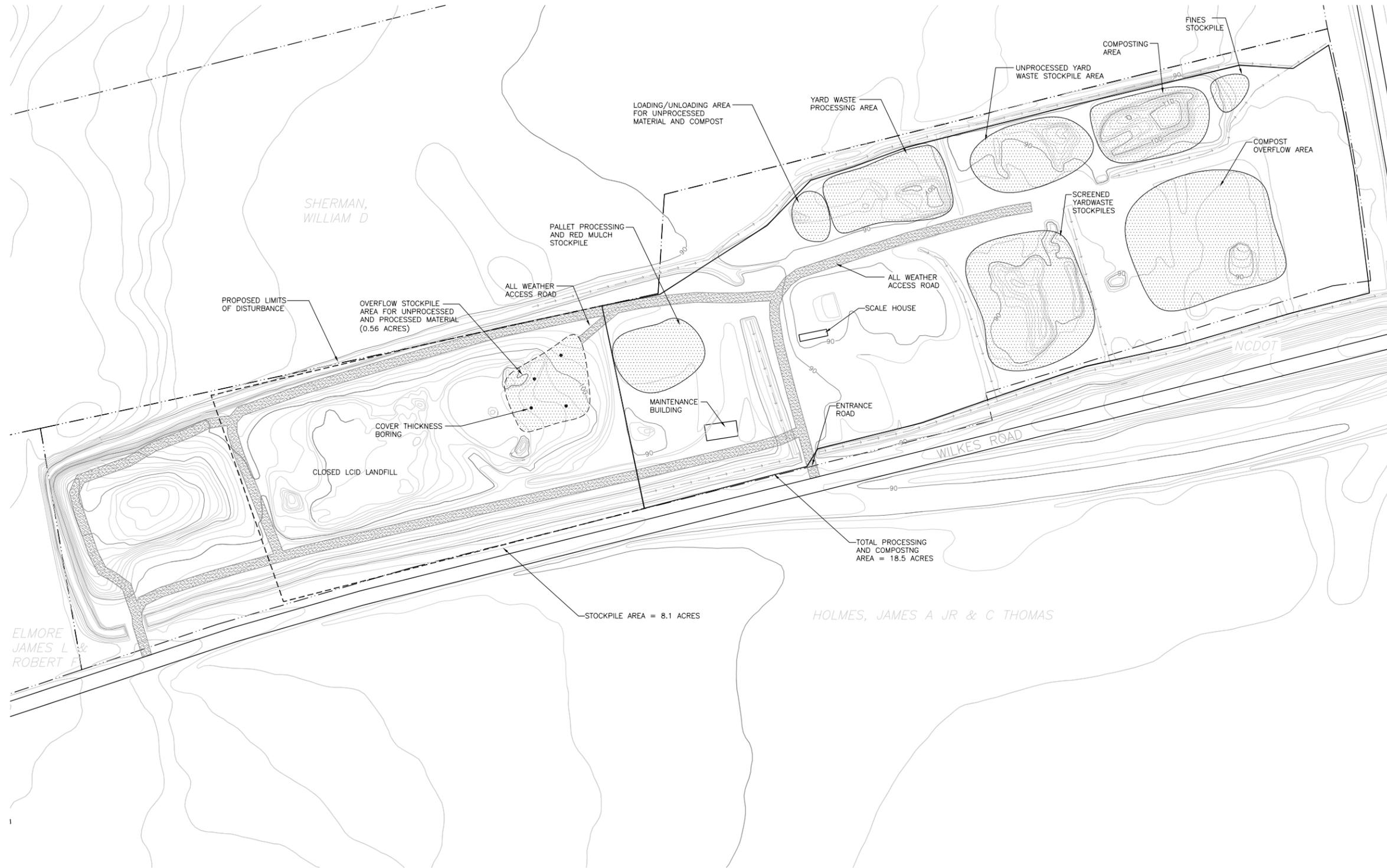
A handwritten signature in blue ink, appearing to read "Aaron Weispfenning".

Aaron M. Weispfenning, P.E.
CDM Smith Inc.

cc: Robert Howard, Cumberland County



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LEGEND

	EXISTING DRAINAGE SWALE
	LIMITS OF PROCESSING AND COMPOSTING
	PROPERTY LINE

- NOTE:**
1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM CUMBERLAND COUNTY GIS DATABASE AND MAY NOT REPRESENT CURRENT FIELD CONDITIONS. PRIOR TO BEGINNING ANY WORK, FIELD CONDITIONS SHOULD BE VERIFIED.
 2. MATERIAL IS WEIGHED AT THE SCALE HOUSE BEFORE BEING SENT TO EITHER THE PALLET OR YARD WASTE PROCESSING AREAS.
 3. COMPOST WILL NOT BE PLACED IN THE OVERFLOW STOCKPILE AREA LOCATED ON THE LCID LANDFILL.
 4. THE FINES STOCKPILE CONSISTS MOSTLY OF SOIL WITH TRACE AMOUNTS OF WASTE MATERIAL FILTERED OUT DURING PROCESSING. WHEN SUFFICIENT VOLUME BUILDS UP THE STOCKPILE IS SORTED THROUGH AND ANY WASTE MATERIAL IS BROUGHT TO THE ANN STREET LANDFILL FOR DISPOSAL.
 5. SEE SECTION 3.4 IN THE PERMIT APPLICATION FOR ADDITIONAL INFORMATION ON OPERATING PROCEDURES.

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: P. STOUT
 DRAWN BY: P. STOUT
 SHEET CHK'D BY: M. SANFORD
 CROSS CHK'D BY: A. WEISPFENNING
 APPROVED BY: A. WEISPFENNING
 DATE: JULY 2015

CDM Smith
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CUMBERLAND COUNTY,
 NORTH CAROLINA

WILKES ROAD YARD WASTE FACILITY

EXISTING CONDITIONS PLAN

PROJECT NO. 2724-105314
 FILE NAME: STOCKPILE.DWG
 SHEET NO. **1**

Photo Log



Mulch piles no larger than 30 feet high



Compost piles 25 feet from drainage ditches



Installation of boundary markers



Stockpile Area



Gravel access road to stockpile area



Soil cover on stockpile area greater than 1 foot