



PAT MCCRORY

Governor

DONALD R. VAN DER VAART

Secretary

MICHAEL SCOTT

Director

July 13, 2016

Mathew Colone
CDM Smith
5400 Glenwood Avenue, Suite 400
Raleigh, NC 27612

Re: Request for Remedial Phase Activities – Task Order 601RA-3
Rolesville Dump
Rolesville, Wake County, NC
ID # NONCD0000601

Dear Mr. Colone:

Submit a task work plan and cost estimate to perform remedial investigation-contaminant delineation phase activities at the above referenced site. Conduct these activities in accordance with State Contract No. N13004S.

Investigation Goals: The goal of this task is to collect three background soil samples and determine the thickness of soil cover in the waste disposal area on the northern property of the dump (Pin 1758985590).

Scope of work for Task Order 601RA-3:

- Prepare a work plan in accordance with CDM Smith's approved standard operating procedures dated May 2013, and include a schedule of daily activities.
- Submit an itemized cost estimate that identifies personnel and materials involved.
- Reference the most recent Guidelines for Addressing Pre-Regulatory Landfills and Dumps for details regarding procedures.
- Ensure personnel in the field are qualified to identify contaminated material and landfill waste and comply with OSHA-required health and safety training. Before task activities begin, photograph areas or objects that may be disturbed. If needed, photograph affected areas and objects, restoration efforts, and noteworthy items encountered during task activities. Submit these photographs upon completion of the activities, and a review will determine if any need to be included in the report.
- Collect GPS coordinates at each of the sample locations. Report coordinates in decimal degrees to the seventh order using the North American Datum of 1983 (NAD83) format and latitude and longitude using WGS 84 format. These coordinates will be tabulated and included as an appendix.
- Include background (light grey) topographic contour lines on figures detailing the Site and Site vicinity.
- For any invasive activities, provide a plan to properly manage investigation derived waste (IDW). If sampling results indicate non-hazardous IDW, spread within the waste disposal area. If sampling results indicate hazardous IDW, analyze containerized waste as required by waste hauler and include

details of sampling and disposal of drums in the proposal. Remove all drummed waste and associated fencing from site within 90 days after field activities are concluded.

- For field work, minimize the clearing of vegetative material to enable access to proposed sampling points. Using hand tools for clearing is the preferred method, otherwise an explanation must be provided for use of heavy equipment.
- Submit samples to a North Carolina-certified laboratory and analyze for the following parameters by the most current U.S. EPA Contract Laboratory Program Target Compound List: volatile organic compounds by SW-846 method 8260 and 14 metals by SW-846 method 6020. Please note that any alternate method should be the U.S. EPA Method having the lowest detection limit and that at least achieves the detections equivalent to the 15A NCAC 2L standards or where these are not available, then federal maximum contaminant limits (MCLs). Soil analysis methods must meet the IHSB Preliminary Soil Remediation Goals Table.

Background Soil Sampling

- Collect three background soil samples from the surface (0-6" below ground surface) in the locations shown on the attached map.

Soil thickness borings

- Using hand augers, install 3-5 soil borings to determine the thickness of residual soil overlying bedrock within the waste disposal area.

Report Compilation

The letter report is to contain the following items:

- Text, tables, and figures to adequately summarize task activities.
- A section concerning any variations from the work plan or your SOPs.

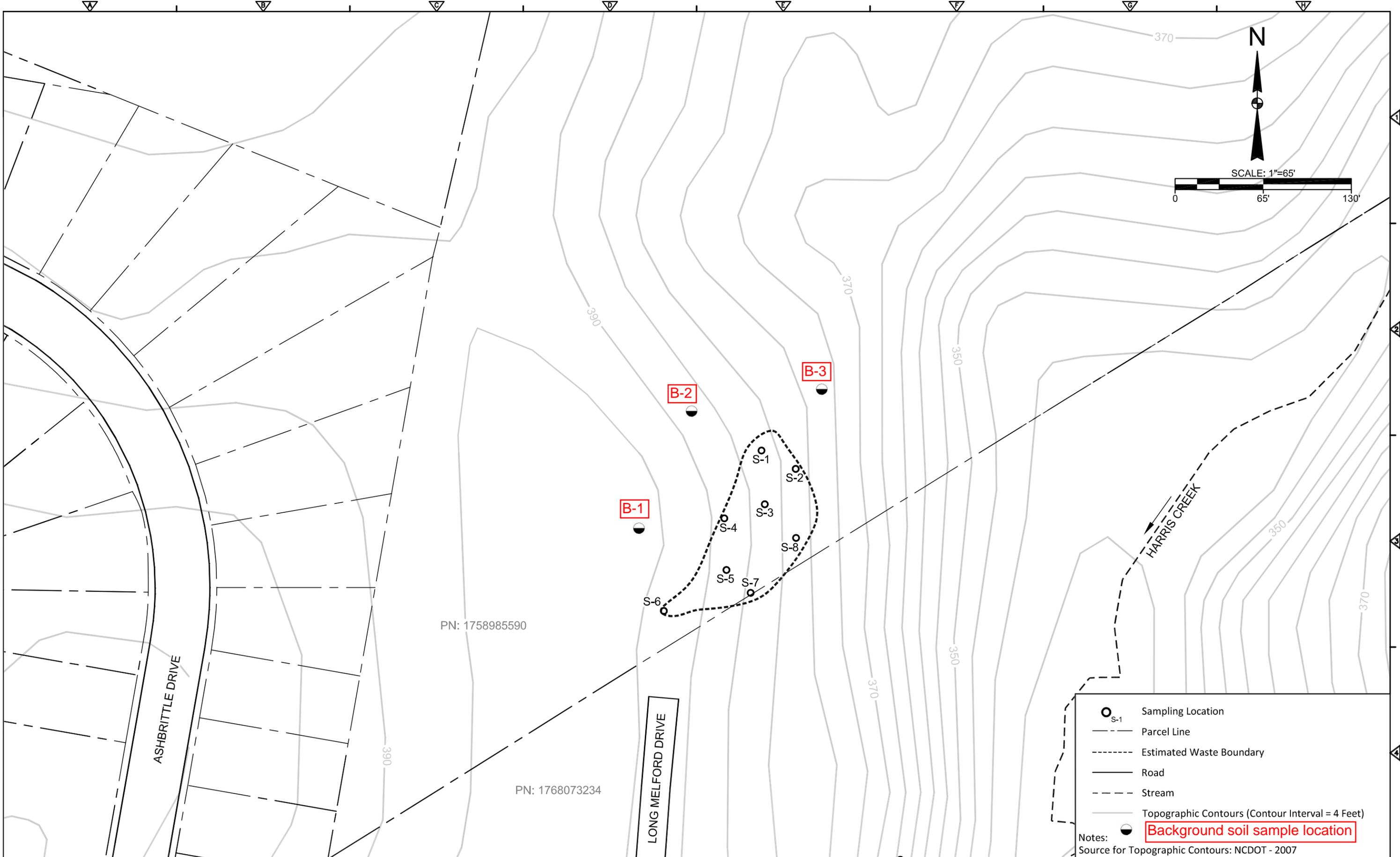
Title the letter report "Remedial Action- Background Soil Sampling".

Provide the work plan and cost estimate by July 20, 2016. A task authorization to begin work will be issued based on the approved proposal. Do not proceed with tasks prior to receiving this authorization. If you have any questions or concerns, contact me at (919)707-8340.

Sincerely,



Matthew S. Aufman, Engineer
Division of Waste Management – NCDEQ



○ S-1 Sampling Location
 - - - Parcel Line
 - - - - - Estimated Waste Boundary
 ——— Road
 - - - - - Stream
 ——— Topographic Contours (Contour Interval = 4 Feet)
 ● Background soil sample location
 Notes: Source for Topographic Contours: NCDOT - 2007

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: **A. WEISPFENNING**
 DRAWN BY: **A. WEISPFENNING**
 SHEET CHK'D BY: **D. FORBES**
 CROSS CHK'D BY: **M. COLONE**
 APPROVED BY: **M. COLONE**
 DATE: **APRIL 2016**

CDM Smith
 Camp Dresser McKee & Smith
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612 | Tel: (919) 787-6620
 NC F-0412

ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
ROLESVILLE DUMP
 (SITE IDENTIFICATION NUMBER: NONCD0000601)

SAMPLING LOCATIONS

PROJECT NO. 127844-112969
 FILE NAME: FIG 1.DWG
 FIGURE
1