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DAVID B. COTTON
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Ms. Elizabeth S. Werner
Hydrogeologist, Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

RE: Milestone Schedule
Groundwater Assessment Monitoring Plan
Francis Farm Landfill, Permit Number 44-03
Haywood County, North Carolina

Dear Ms. Werner:

Haywood County is pleased to submit this Milestone Schedule for implementation of the approved groundwater assessment plan at the Francis Farm Landfill. The attached schedule was prepared by Bunnell-Lammons, Inc. in conjunction with McGill Associates. The County has reviewed the schedule and is in concurrence with implementing the project milestones as noted.

We look forward to continuing to work with you to address the concerns of NCDENR regarding implementation of the Groundwater Monitoring Assessment Plan at the Francis Farm Landfill in Haywood County. Please let us know if you have additional questions or if you require additional information.

Sincerely,

Marty Stamey
Assistant County Manager

Enclosures

C: David Cotton, Haywood County Manager, w/enc
Stephen King, Haywood County Solid Waste Director, w/enc
David Francis, Haywood County Tax Assessor, w/enc
Andrew Alexander, PG, BLE, Inc., w/enc
Mark Poindexter, NCDENR Solid Waste Section, w/enc
Ervin Lane, NCDENR Environmental Compliance Branch, w/enc
Allen Gaither, NCDENR Solid Waste Section, w/enc
Deb Aja, NCDENR Solid Waste Section, w/enc
Andrea Keller, NCDENR Solid Waste Section, w/enc



BUNNELL-LAMMONS ENGINEERING, INC.
GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

May 26, 2010

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Ms. Elizabeth S. Werner
Hydrogeologist

**Subject: Milestone Schedule for the Groundwater Assessment
Closed Francis Farm Landfill**
Haywood County, North Carolina
BLE Project Number J10-1957-14
Permit Number 44-03

Dear Ms. Werner:

Bunnell-Lammons Engineering, Inc. (BLE) is pleased to submit this milestone schedule for implementation of the NCDENR approved groundwater assessment at the subject facility. This schedule is submitted on behalf of Haywood County as specified in your letter to Mr. David Cotton of Haywood County dated April 16, 2010.

This schedule addresses the assessment tasks outlined in our letter titled *Comments on the Proposed 2004 Groundwater Assessment Monitoring Plan Closed Francis Farm Landfill* dated November 9, 2009 [submitted by McGill Associates (McGill)] and a follow-up submittal by BLE titled *Proposed Well Locations and Depths for the Groundwater Assessment Monitoring Plan* dated December 30, 2009. These documents were subsequently approved by the NCDENR.



The following schedule is submitted for NCDENR review and approval.

Property access agreements (in progress)	6 weeks
Monitoring well permit applications to the NCDENR	3 weeks (includes NCDENR review)
Clearing, tree cutting, road building, and subsurface utility clearance	6 weeks
Drilling and well installation	7 weeks
Well development	1 week
Surveying by McGill	4 weeks
Groundwater sampling & laboratory analysis	6 weeks*
Report preparation and review (text, boring logs, plan view maps, tables, appendices)	8 weeks
Haywood County and McGill review & report finalization	4 weeks
APPROXIMATE DURATION	45 weeks

* per NCDENR correspondence dated February 19, 2010, groundwater samples should be collected during the next regularly scheduled semi-annual sampling event after installation of the wells is complete.

To expedite the project, we may perform many of the aforementioned tasks concurrently, where practicable. The project schedule assumes no delays due to procurement of site access agreements with private property owners, NCDENR document review and approval, inclement weather, contractor scheduling problems, site access, survey data acquisition, or other events beyond our control.

We expect to complete procurement of access agreements for well installation on private properties by July 9, 2010. Based on the proposed schedule above, we anticipate that the wells will be installed and ready to sample by November 2010. The next regularly scheduled groundwater sampling event should be conducted in February 2011. The laboratory analytical data is presumed to be available by March 18, 2011. The report should be complete and submitted to the NCDENR on or about June 10, 2011.



We appreciate the opportunity to work with Haywood County, McGill, and the NCDENR on this project. Please contact us at (864) 288-1265 if you have any questions. If the proposed schedule is acceptable to the NCDENR, please contact Haywood County, McGill, and BLE at your earliest convenience.

Sincerely,
BUNNELL-LAMMONS ENGINEERING, INC.

Andrew W. Alexander, P.G., RSM
Senior Hydrogeologist
Geological Services Manager

Trevor J. Benton, P.G.
Project Hydrogeologist

cc: Mr. Stephen King – Haywood County
Mr. Jeff Bishop, P.E. – McGill Associates
Ms. Andrea Keller – NCDENR Asheville

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