

ERM NC, PC

November 15, 2010

NCDENR – Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Attention: Ms. Jaclynne Drummond – Compliance Hydrogeologist

Reference: Off-Site Monitor Well Locations
Edwards Road Landfill - Permit #34-05
Rural Hall, Forsyth County
R. J. Reynolds Tobacco Company

8000 Corporate Center Dr.
Suite 200
Charlotte, NC 28226
(704) 541-8345
(704) 541-8416 (fax)



Via Email

Dear Jackie:

This letter documents our telephone discussion of November 8, 2010 regarding the status of ERM's efforts to obtain site access from adjacent property owners for the installation of off-site monitor wells as part of the Edwards Road Landfill site assessment. The status is summarized below and the referenced properties are shown in the attached figure.

1. ERM has obtained verbal approval from Mr. Ken Stewart to install a monitoring well on the Stewart property. We plan to submit an access agreement to Mr. Stewart and tentatively are scheduled to begin drilling activities during the week of December 13th.
2. ERM has attempted to contact Mr. Guthrie and Mr. Sprinkle by telephone multiple times to request property access for monitor well installation. To date, we have had no response from Mr. Guthrie. Mr. Sprinkle initially considered our request to install a monitor well on his property but then ceased returning telephone messages.
3. ERM contacted relatives of Mrs. Margie Payne to request property access for monitor well installation and access was denied.

As we discussed, based on the outcome of the property access efforts, it is agreed that ERM will proceed with the installation of a monitor well at the Ken Stewart property, and further efforts to obtain property access for installation of a second off-site monitor well are not required at this time. An updated schedule for drilling, sampling and reporting is also provided.

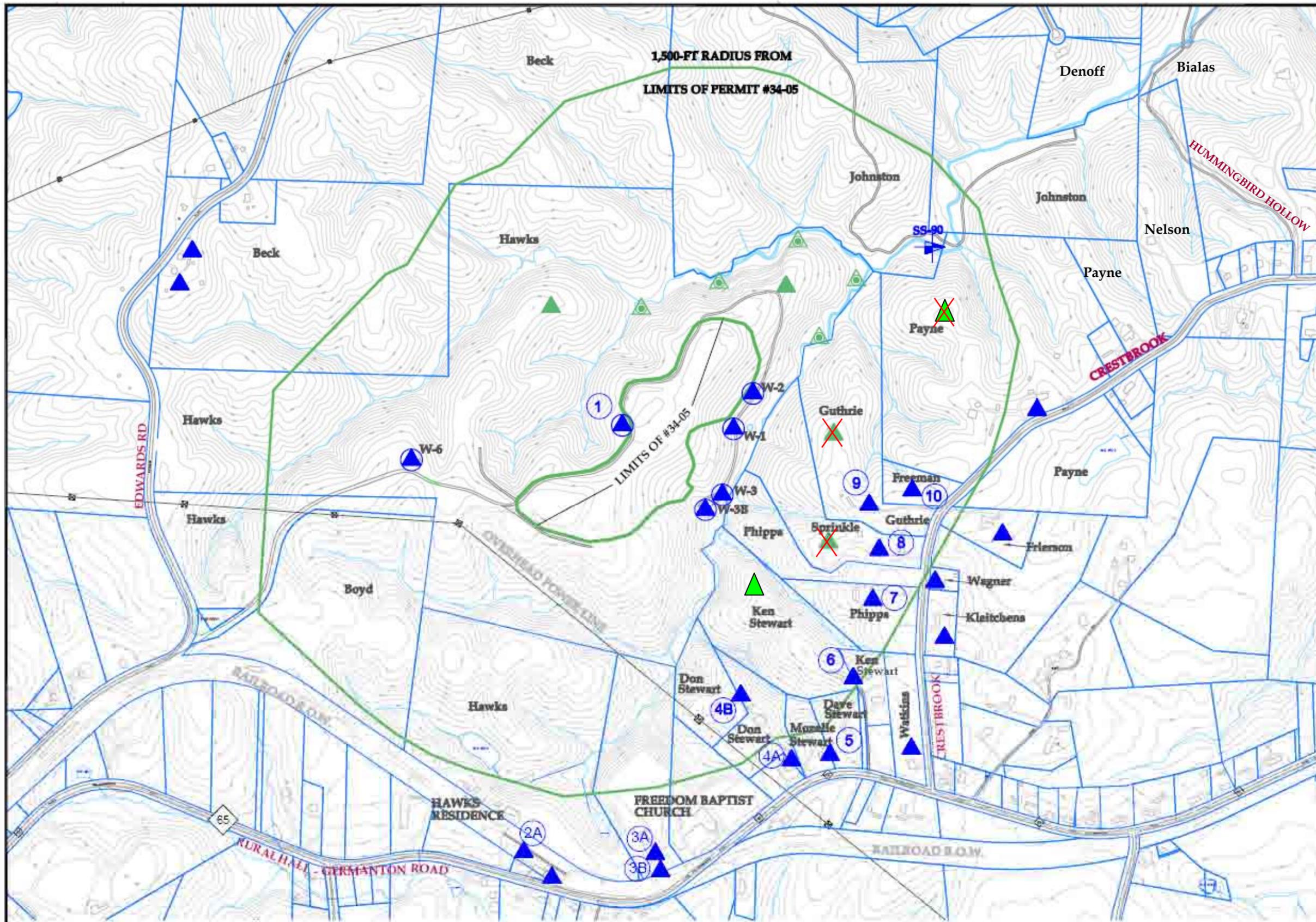
ERM requests a written response from NCDWM to document your agreement with this letter. Please contact me if you have any questions or require additional information.

Sincerely,

Alan Martin, P.G.
Project Manager

Attachments

cc: Yong Yi, R.J. Reynolds



NOTES:

TOPOGRAPHIC INFORMATION SHOWN IS A COMPILATION OF NC FLOODPLAIN MAPPING PROGRAM 2008 AND FORSYTH COUNTY INFORMATION 2005.

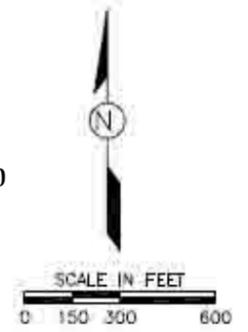
CONTOUR INTERVAL IS 10-FT.

LIMITS OF LANDFILL ARE APPROXIMATE BASED ON AVAILABLE HISTORIC DATA.

PARCEL BOUNDARY INFORMATION TAKEN FROM FORSYTH COUNTY GIS SYSTEM.

-  WELL ID ASSIGNED DURING SAMPLING
-  WELL ID CORRESPONDS TO TABLE 1
-  WATER SUPPLY WELL IDENTIFIED
-  PHASE II PROPOSED WELL LOCATIONS
-  PHASE II PROPOSED SURFACE WATER SAMPLING LOCATION
-  EXISTING MONITORING WELL
-  PROPOSED PIEZOMETER LOCATION

UPDATED - NOVEMBER 8, 2010



PROPOSED SCHEDULE (Updated November 8, 2010)

**Phase II Assessment Activities
R. J. Reynolds Tobacco Facility
Ash Landfill - Permit No. 34-05
Rural Hall, Forsyth County,
North Carolina**

Task	Completion Timeframe ⁽¹⁾	Status
<i>GROUND WATER MONITORING</i>		
<ul style="list-style-type: none"> Onsite installation and sampling of three piezometers along the southern bank of the unnamed tributary northwest of the landfill and two piezometers along the western bank of Leak Creek downstream of the landfill to evaluate ground water quality in the top-of-rock aquifer in these areas. 	December 16, 2010	Pending
<ul style="list-style-type: none"> Onsite installation and sampling of two bedrock monitoring wells for evaluation of horizontal extent of affected ground water northeast and northwest of landfill. 	Drilling scheduled for week of Dec. 13, 2010. Sampling to be completed by Dec. 31, 2010.	Pending
<ul style="list-style-type: none"> Off-site installation and sampling of one bedrock monitoring well for evaluation of horizontal extent of affected ground water east-southeast of landfill, including negotiations with off-site property owners. 	Drilling scheduled for week of Dec. 13, 2010. Sampling to be completed by Dec. 31, 2010.	Pending
<ul style="list-style-type: none"> Surveying locations of all existing and new monitor wells. 	December 31, 2010	Existing Wells Surveyed January 2010
<i>SURFACE WATER MONITORING</i>		
<ul style="list-style-type: none"> Off-site sampling of surface water in Leak Creek approximately 400 feet downstream of the confluence of Leak Creek and the unnamed tributary northwest of the landfill. 	December 31, 2010	Pending
<i>LANDFILL COVER FINAL CLOSURE ASSESSMENT</i>		
<ul style="list-style-type: none"> Additional evaluation and modeling to evaluate specific landfill cap enhancements to reduce the current rainfall infiltration quantities 	September 30, 2010	Complete, summary report pending completion of groundwater sampling.
<i>SUMMARY REPORT</i>		
<ul style="list-style-type: none"> Submittal of summary report to NCDENR DWM 	February 11, 2011	Pending

(1) - Contingent on access negotiations with on-site and off-site property owners.