

ERM NC, PC

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June 30, 2009

North Carolina Department of Environment and Natural Resources
Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
Attention: Ms. Jaclynne Drummond

Via Electronic Mail and US Mail



Reference: R.J. Reynolds Ash Landfill – Permit #34-05
Water Supply Well Survey and Sampling
Rural Hall, Forsyth County, North Carolina

On behalf of R.J. Reynolds Tobacco Company (“RJRT”), ERM NC, PC (ERM) requests NCDENR’s authorization to survey for and sample water supply wells in the vicinity of the subject property. ERM would like to initiate this survey and sampling prior to submittal of the Site Assessment Work Plan due to the NCDENR Division of Waste Management (DWM) by July 20, 2009.

ERM proposes to conduct a search for water supply wells in the vicinity of the subject property to determine ground water usage in the area. A search for water supply wells will be conducted to a distance of 1,500 feet from the limits of the landfill. The proposed search area is presented on Figure 1. ERM will collect owner information and attempt to collect construction details and uses of the identified water supply wells as provided by the property owner. Upon initiating the well survey activities, the Forsyth County Public Health Department will be contacted to inform it of the well survey and determine any reporting or other requirements by the County.

ERM will request well owner permission to collect samples from each of the water supply wells identified within the search radius to evaluate ground water quality at each of these well locations. Samples will also be collected from the residential water well on Mr. and Mrs. Grady Hawks’ property on the north side of Highway 65 and well(s) on the Freedom Baptist Church property. ERM will contact property owners at these locations requesting permission to sample the water supply wells.

Samples from the water supply wells will be collected in general accordance with EPA Region 4’s *Field Branches Quality System and Technical Procedures* and analyzed by a North Carolina-certified laboratory. The samples will be analyzed for the following parameters:

Ms. Jaclynne Drummond
Water Supply Well Survey and Sampling
June 30, 2009

INORGANICS		FIELD PARAMETERS
Iron	Barium	pH
Manganese	Cadmium	Specific Conductivity
Selenium	Chromium	Temperature
Sulfates	Lead	Oxidation-Reduction Potential

A summary of the well survey and sampling results will be provided to the NCDENR DWM upon completion. Individual laboratory sample analytical results will be provided to each well owner.

As discussed during our June 25, 2009 meeting, RJRT would like to initiate this survey and sampling prior to submittal of the Site Assessment Work Plan. Please provide NCDENR authorization to proceed with this well survey and sampling plan. If you have any questions or require additional information concerning this request, please contact me at (704) 541-8345.

Sincerely,

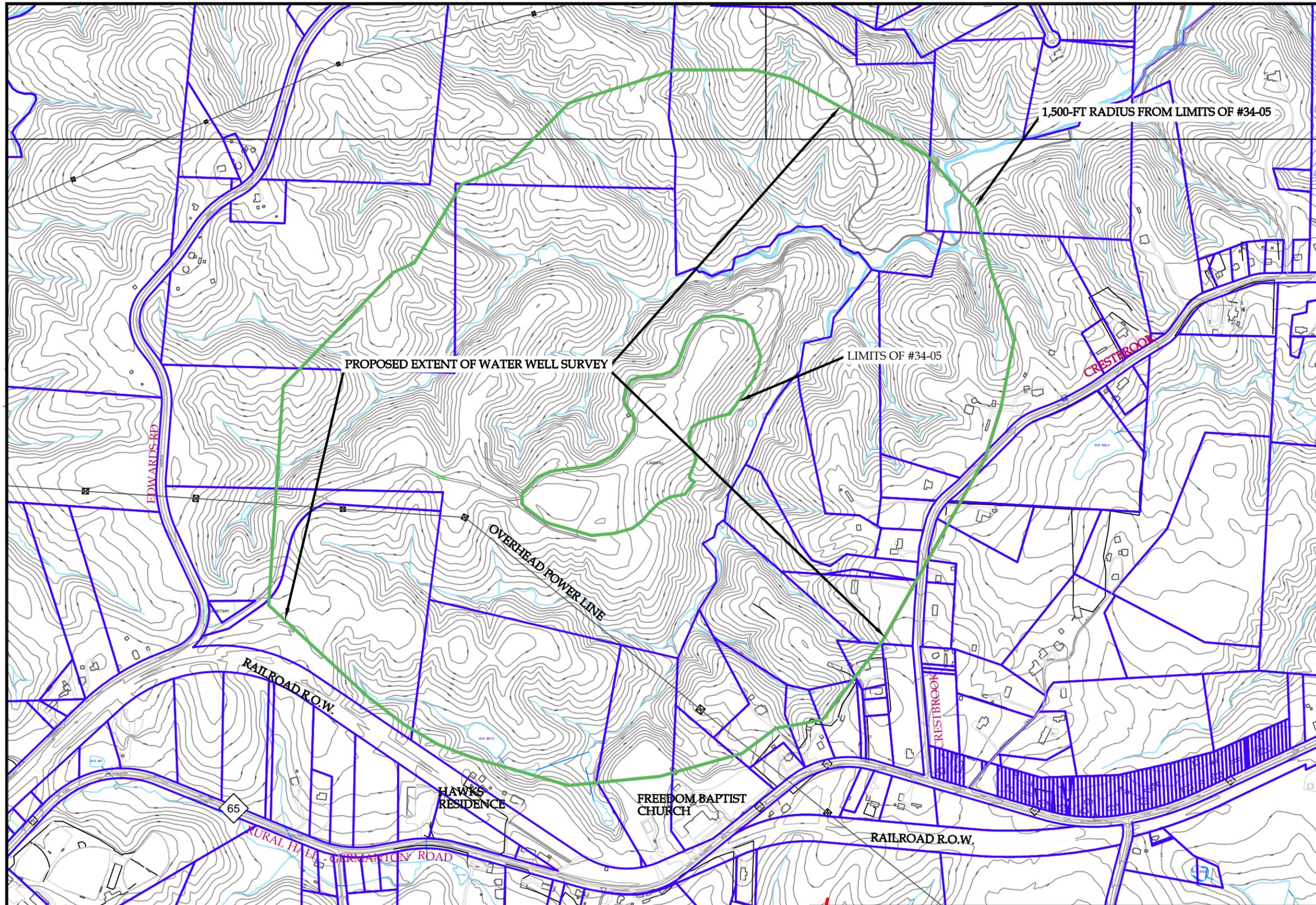


Alan Martin, P.G.
Project Manager

Attachment:

Figure 1 - Proposed Water Supply Well Survey and Sampling Radius

cc: Mr. John Patrone - NCDENR DWM Winston-Salem Regional Office (e-mail)
Mr. Jason Watkins - NCDENR DWM Winston-Salem Regional Office (e-mail)
Mr. and Mrs. Grady Hawks
Mr. Steve Curl - R.J. Reynolds Tobacco Company

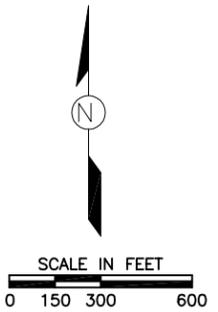


NOTES:

TOPOGRAPHIC INFORMATION IS A COMPILATION OF INFORMATION TAKEN FROM NC FLOODPLAIN MAPPING PROGRAM, 2008 AND FORSYTH COUNTY GIS MAPPING, 2005.

PARCEL INFORMATION TAKEN FROM FORSYTH COUNTY GIS, 2005.

LIMITS OF LANDFILLS AND RADIUS ARE APPROXIMATE BASED ON AVAILABLE DATA.



PROPOSED WATER WELL SURVEY & SAMPLING PLAN
 JUNE 2009
 R.J. REYNOLDS TOBACCO COMPANY
 RURAL HALL, NORTH CAROLINA

FIGURE
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