

AgriWaste Technology, Inc.

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August 23, 2006

MEMORANDUM

TO: Mr. Randy Voller, Owner

FROM: Jeff Vaughan  
Enrique Cachafeiro

SUBJECT: Tobacco Road/Roads End Subdivision Road Wetland Evaluation

A wetland evaluation was conducted on August 18, 2006, for the Wilkinson Creek Subdivision located near the intersection of Tobacco Road and Roads End Subdivision Road in Chapel Hill, NC (Chatham County). Jeff Vaughan of Agri-Waste Technology, Inc. (AWT) conducted the wetland evaluation. Three areas were evaluated as detailed on the attached map (notated as Areas 1, 2, and 3). These three areas corresponded to proposed road crossings on the property.

Wetlands were not found within Area 2 on the property. Wetlands were found within Areas 1 and 3. A narrow intermittent drainage feature was found in Area 1 that ranged from approximately 1 - 5 feet wide. The land immediately adjacent to the drainage feature in Area 1 did not contain wetlands. Therefore, an estimated 100 - 750 ft<sup>2</sup> of wetlands would be disturbed with the proposed road crossing in Area 1. A narrow intermittent drainage feature was found in Area 3 that ranged from approximately 2 - 3 feet wide. The land immediately adjacent to the drainage feature in Area 3 did not contain wetlands. There is an existing drainage pipe below Roads End Subdivision Road within this drainage feature in Area 3. It is my understanding that this pipe will need to be extended 20 feet. Therefore, an estimated 40 - 60 ft<sup>2</sup> of wetlands would be disturbed with the proposed drainage pipe extension in Area 3. The total wetland area (Areas 1 and 3) that would be disturbed is below the 0.10 acre threshold of wetland disturbance, so a permit to cross these proposed areas would not be required. If greater than 0.10 acres of wetlands would be proposed with this road crossing, then a permit would be required.

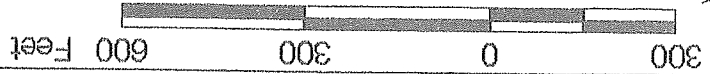
Please contact us with any questions, concerns, or comments.

wetland.doc

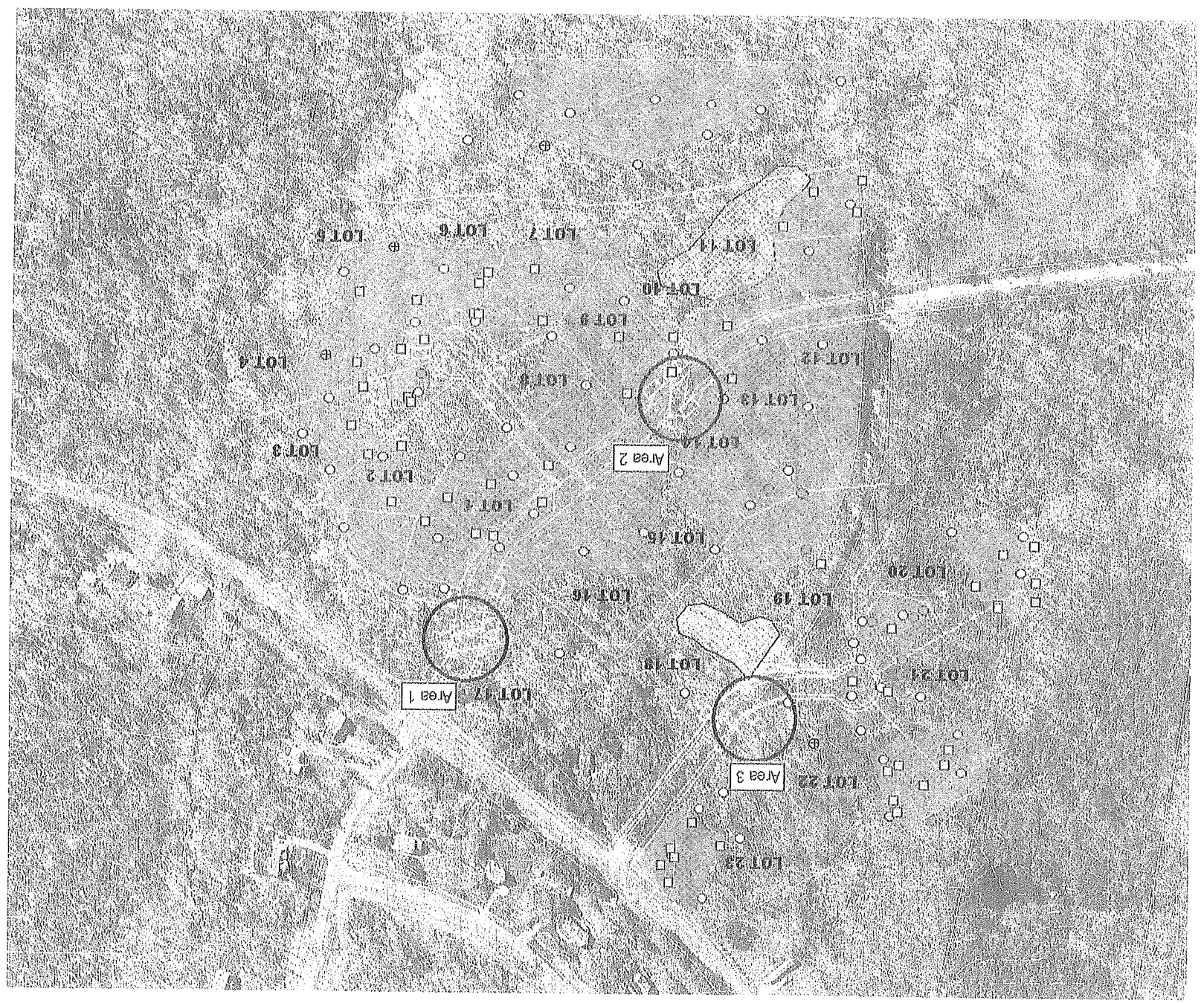
Attachment # 4

7





Scale: 1:3600  
1 inch = 300 feet



Drawn By: Enrique Cacahallo  
Revised By: Jeff Vaughan  
Date: 02/27/2006

**Legend**

6ft Contours	(Symbol)
Depth to Resistive Features	(Symbol)
Auger Refusal	(Symbol)
Health Department Borings	(Symbol)
0 - 12 in.	(Symbol)
12 - 18 in.	(Symbol)
18 - 24 in.	(Symbol)
24 - 36+ in.	(Symbol)
Fill Areas	(Symbol)
24 - 36 in.	(Symbol)
18 - 24 in.	(Symbol)
12 - 18 in.	(Symbol)
0 - 12 in.	(Symbol)
Parcels	(Symbol)
Lot Lines	(Symbol)

Wilkinson Creek, LLC  
Chatham Co., NC



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