

BOATWRIGHT ROAD
221-033-15

5/10/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 3930A

TC: 221-033-15

☐ PC ☐ REPT

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
SEP 2 4 1987
ENVIRONMENTAL HEALTH
DIVISION

JOB LOCATION

① ADDRESS: **See Tax Map** Boatwright Rd

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 221 PAGE NO.: 033 PARCEL NO.: 15

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: Carolinas Corp., Inc.
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 3600 NCNB Plaza

⑨ CITY: Charlotte ⑩ STATE: N.C. ⑪ ZIP: 28280

⑫ PHONE: (WORK) 373 0921 (HOME) _____

⑬ Accurately diagram and dimension lot.

See Tax Map

⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: _____

Date: 9-22-87

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

MECKLENBURG COUNTY
Department of Environmental Health

October 8, 1987

David Barnhardt
Carolina Corp., Inc.
3600 NCNB Plaza
Charlotte, NC 28280

Dear Mr. Barnhardt:

A pre-preliminary investigation of soils and topography was conducted on the tract (221-033-15) located off Boatwright Road in Pineville. A soils map was prepared and a copy is enclosed.

The soils in the unshaded areas appear to be dominantly unacceptable for the installation of septic tank systems. Included are floodplain soils, complex slopes, drainageway depression areas, mixed soils, and an area of shallow soils.

The floodplain soils are subject to seasonal water at depths as shallow as six inches. These soils are subject to surface flooding as well. Evidence of flood water as deep as thirty-six inches was noted in spots.

The complex slope area has highly irregular topography that is not adaptable for the installation of septic tank systems. Uniform slopes are necessary for septic tank system installation.

The mixed soils have expanding clay present that swells upon becoming wet, reducing soil pore space. These soils are also shallow to saprolite, being only six to twelve inches deep to saprolite in many spots. Evidence of seasonal perched water was present in several borings at depths of less than thirty-six inches. Slopes range to approximately fifteen percent.

The shallow soils have saprolite at depths of twenty-four to twenty-eight inches. These soils have some expanding clay. Depth to ground water is greater than thirty-six inches. Slopes range to approximately fifteen percent.

The drainageway depressions collect and channel surface runoff from the surrounding areas. These areas are not adaptable for the installation of septic tank systems.

The area shaded yellow appears to be dominantly acceptable for the installation of septic tank systems. These soils have clay subsoil horizons that are blocky with respect to structure. Depth to saprolite and ground water is less than thirty-six inches. Slopes range to approximately ten percent. This area is limited in size.

Based on this investigation, the majority of the tract appears to be dominantly unacceptable for the installation of septic tank systems. Please note that this report does not express or imply individual septic tank system approval in the dominantly acceptable soils area. Individual lot approval is dependent on the satisfactory completion of an investigation of a marked lot. Currently no lots are marked on the tract. Note also that soil delineations may be subject to change pending additional investigation with established reference points. Inclusions of soils other than those delineated may occur. Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

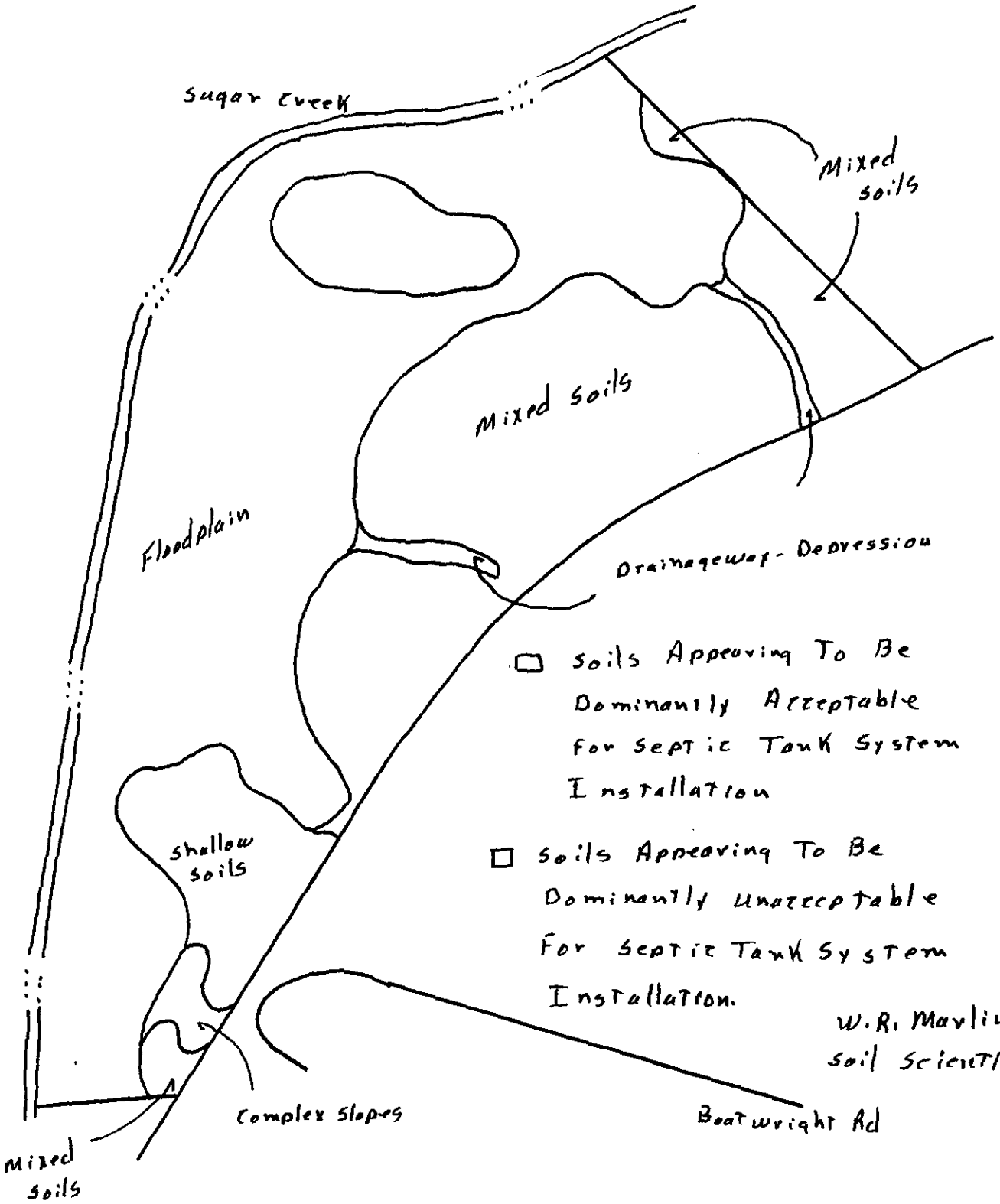
William R. Marlin
Soil Scientist

WRM/ir

Enclosure

File 3930A

Pre-Preliminary 221-033-15



W. R. Marlin
Soil Scientist