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Groundwater and Wastewater Services File Imaging Project
May 2007
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# Mecklenburg County
## Health Department

55851

April 19, 1989

Basil G. Delta, M.D., M.P.H.
Health Director

James T. Brannon
Mitchell Distributing Company
3535 N. Graham Street
Charlotte, NC 28232

Dear Mr. Brannon:

A pre-preliminary investigation of soils and topography was made on a portion of the tract (parcel 025-031-01) located on Highway 21. A soils map of the tract was prepared and a copy is enclosed.

The areas marked with yellow lines appear to be dominantly unacceptable for the installation of septic tank systems. Included are areas of mixed soils and complex slopes. The mixed soil areas have expanding clay minerals present. The expanding clay swells when wet, reducing soil pore space and inhibiting internal soil water movement. Evidence of seasonal perched water at depths as shallow as fifteen inches was noted. Depth to saprolite is generally less than thirty-six inches. Slopes range to approximately fifteen percent.

Complex slope areas are also present. These areas have irregular slopes that are not adaptable for the installation of septic tank systems.

The unmarked areas appear 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 greater than thirty-six inches. Slopes range to approximately fifteen percent.

Based on this investigation, there are some soils on the tract that appear to be dominantly acceptable for the installation of septic tank systems. Please note that this report does not express or imply individual site approval for septic tank system installation. No sites were marked on the tract at the time of this investigation. 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. Individual site approval is dependent in part on the satisfactory completion of an investigation of each site. Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

William R. Marlin, Soil Scientist
Environmental Health Division

1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

135

# APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

(OFFICE USE ONLY)

FILE: 5585A

TC: _____

☐ PC ☐ REPT

**JOB LOCATION**

① ADDRESS: East side of Statesville Rd. (US 21) +/- 3300' North of Reames Road

② SUBDIVISION: N/A ③ LOT: N/A ④ BLOCK: N/A

⑤ PARCEL REFERENCE: BOOK NO.: P.O. 025 PAGE NO.: 031 PARCEL NO.: 01

⑥ DEED REFERENCE: BOOK NO.: 4496 PAGE NO.: 559

**OWNER**

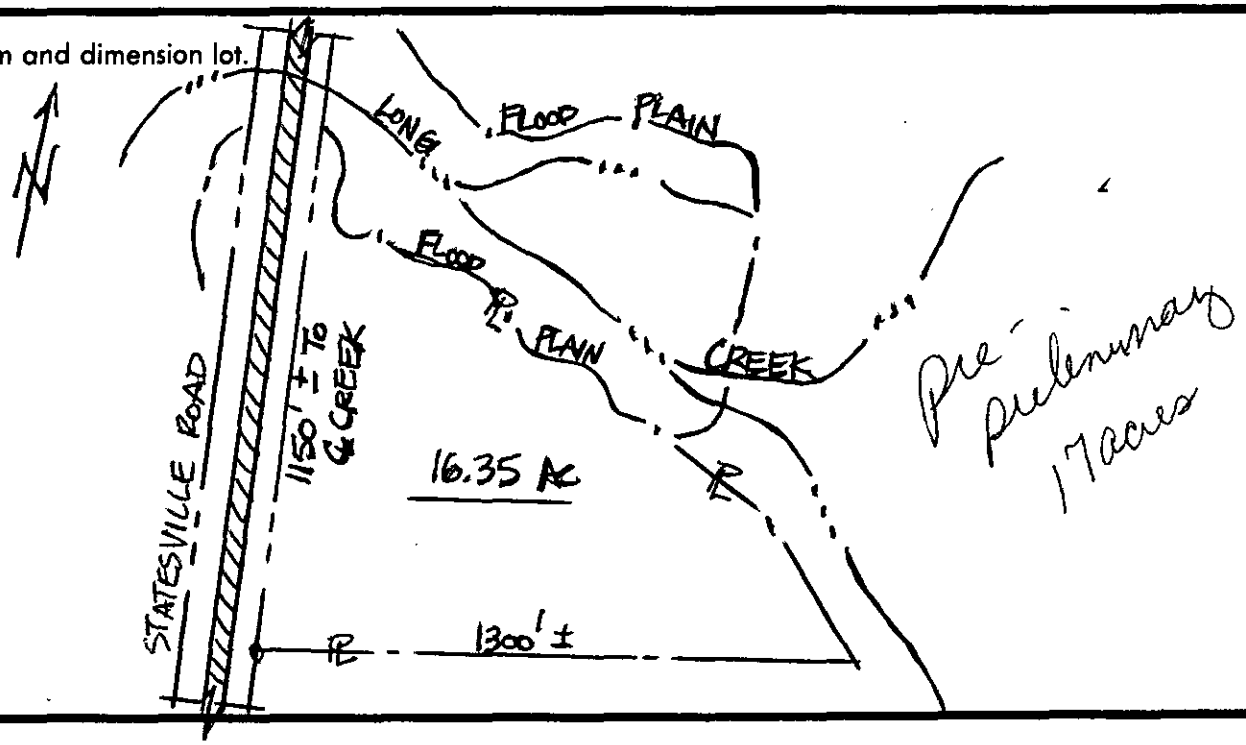
⑦ NAME: Mitchell Distributing Co. - Mr. James L. Brannon
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 3535 N. Graham Street

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28232

⑫ PHONE: (WORK) 376-7554 (HOME) _____

⑬ Accurately diagram and dimension lot.




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: James L. Brannon
James L. Brannon, Secretary/Controller - Mitchell Distrib. Co.

Date: April 4, 1989

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 HEALTH DEPARTMENT
## ENVIRONMENTAL HEALTH DIVISION

**CHARGE SLIP**

Date 4/5/89

Name/Company Mitchell Distributing

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Reinspection 17 acc
#5585A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

APR 5 1989

Cash 1388
1 @ 135.00

Fee: $ 135

[signature] [signature]

**MECKLENBURG COUNTY**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

January 10, 1979

Metromont Materials
P.O. Box 1292
Spartanburg, S.C.
29304

Gentlemen:

At the request of the Charlotte-Mecklenburg Planning Commission, a preliminary investigation of soils and topography was conducted on the property (P.O. 025-031-01) located on Highway 21, North. The purpose of the investigation was to determine site suitability for the installation of septic tank systems. A soils map of the property was prepared and a copy is enclosed.

The unshaded areas on the enclosed map contain soils that are dominantly unacceptable for the installation of septic tank systems. Soils in these areas are of the Enon and Helena series as well as some eroded and gullied areas.

The Enon and Helena soils contain expanding clay minerals that swell upon wetting. This reduces soil pore space and consequestly lessens soil permeability. The subsoil horizons of these soils tend to be sticky and somewhat plastic when wet. These soils tend to be massive in structure, particularly in the deeper horizons. In addition, the Helena soils tend to have perched water tables, particularly during prolonged wet periods. These soils have inadequately slow percolation rates for the installation of septic tank systems.

The gullied areas have been eroded to varying depths. These areas also have complex slopes that are unacceptable for the installation of septic tank systems. These areas also act as drainageways for the surrounding areas.

The areas shaded yellow consist of soils that are marginally acceptable for the installation of septic tank systems. These soils are an intergrade between the Cecil and Enon series. They have some expanding clay minerals present. These soils have blocky structure, and adequate aeration and drainage for the installation of septic tank systems. These soils would have moderate to slow percolation rates.

The area shaded green consists of soils that are dominantly acceptable for the installation of septic tank systems. These soils are of the Pacolet series. They have clay subsoil horizons and are of blocky structure. These soils have adequate depth, drainage, and aeration for the installation of septic tank systems.

Slopes range from three to approximately fifteen percent and should not be a limiting factor with regard to septic tank system installation.

Based on this investigation, lots 1,2, and 3 appear to have limited areas of either dominantly or marginally acceptable soils for the installation of septic tank systems. Please note that this report does not express or imply individual lot approval. Individual lot approval is dependent on the satisfactory completion of an investigation of each lot, with the lot lines and corners being marked. Also, please note that lot lines and corners were not established at the time of this investigation.

Sincerely,

William R. Marlin
Soil Scientist

WRM:ssr

cc: Charlotte-Mecklenburg Planning Commission
Charlotte, N.C.

FORM F

# MEMO TO THE HEALTH DEPARTMENT

ATTENTION: Mr. Bill Marlin

DATE: September 11, 1978

Transmitted herewith for your approval is a copy of the preliminary plan of:

/ / RESIDENTIAL /X/ INDUSTRIAL / / COMMERCIAL / / OTHER PROJECT

KNOWN AS Metromont Industrial Park

LOCATED Adjacent to U. S. Route 21, approximately .5 miles north of Charlotte City limits.

PROPERTY OF Metromont Materials

OWNER'S ADDRESS Post Office Box 1292 - Spartanburg, S. C. 29304

OWNER'S TELEPHONE NUMBER 1-803-585-4241

The proposed method of waste disposal is:

/ / PUBLIC SYSTEM /X/ SEPTIC TANK / / PRIVATE SYSTEM

The proposed water supply is:

/ / PUBLIC SYSTEM /X/ INDIVIDUAL WELL / / PRIVATE SYSTEM

MECK COUNTY DEPARTMEN
RECEIVED
SEP 12 1978
ENVIRONMENTAL HEALTH

COMMENTS: _____

Doug Elliott
Charlotte-Mecklenburg Planning Commission