

5100 HEAVY EQUIPMENT SCHOOL RD

6/5/2007

duponbj

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

#5719A

Mecklenburg County
Health Department

May 17, 1989

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

Michael T. Finch
% Clifford Austin
1100 South Tryon Street, Suite 100
Charlotte, NC 28203

Dear Mr. Finch:

A pre-preliminary investigation of soils and topography was made on the tract (parcel 053-122-18) located on Heavy Equipment School Road. A soils map of the tract was prepared and a copy is enclosed.

The areas shaded yellow on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are the pond and drainageway areas, disturbed soils, mixed soils, and areas occupied by pipelines, buried cables, and power transmission line right of way.

The pond and drainageway areas collect and channel surface runoff from surrounding land areas. There are some soils with impaired internal drainage found in the drainageway areas. Some of these areas would be subject to surface flooding during periods of precipitation.

Some of the soils areas have been disturbed by earthmoving equipment. These soils have very little if any natural structure present. These soils have been mixed and compacted. Lenses of compacted clay were found mixed in the soil profiles in this delineation.

A small area of mixed soils was found on the tract. These soils have expanding clay minerals present that swell upon becoming wet, reducing soil pore space. Depth to saprolite is less than twenty-four inches.

Rights of way for pipelines, buried cables, and power transmission lines cross the property. Generally septic tank systems are not installed in these areas.

The unshaded 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 appears to be greater than thirty-six inches. Some borings less than thirty-six inches to saprolite were found. This condition appears to occur in scattered areas. Slopes range to approximately twenty percent, but are generally somewhat flatter.

Based on this investigation, there are some areas that appear to be dominantly acceptable for the installation of septic tank systems. Please not that this report does not express or imply individual lot or site approval for septic tank system installation. No lots are currently marked on the tract. Note also that soil delineations may be subject to change pending additional investigation with established reference points. Inclusions of soil conditions other than those delineated may occur. Please contact me if there are any questions with regard to this report.

Sincerely,

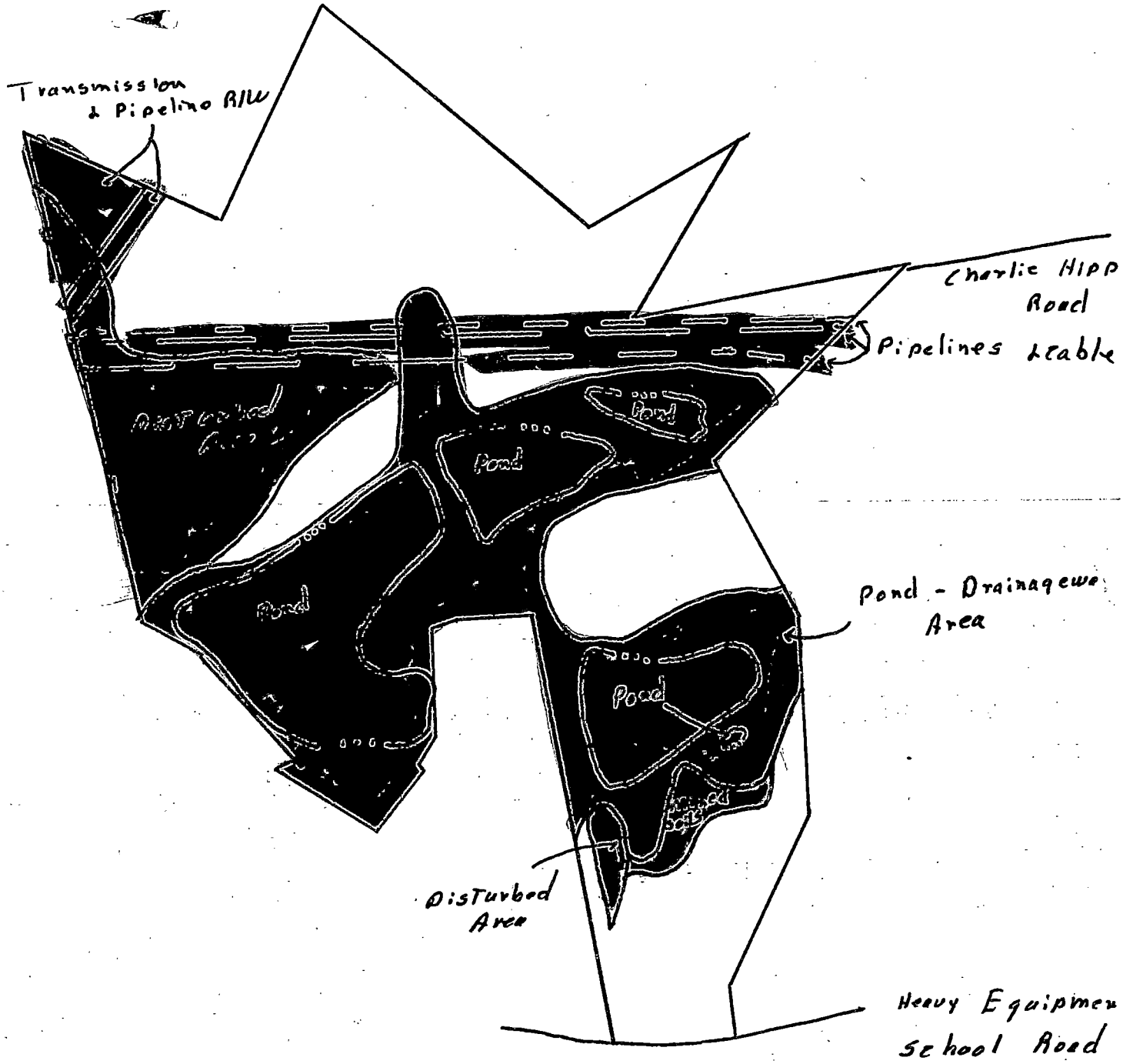
William R. Marlin

William R. Marlin
Soil Scientist
On Premises Waste Disposal & Water Supply

WRM/ir

Enclosure

Pre-Preliminary 053-122-18



□ Areas Appearing To Be Dominantly Acceptable For Septic Tank System Installation

■ Areas Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

W.A. Merlin- Soil Scientist

5-16-84

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 5719A

TC: 053-122-18

JOB LOCATION

① ADDRESS: (#1602) Heavy Equipment School Road

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

⑤ PARCEL REFERENCE: BOOK NO.: 053 PAGE NO.: 12 PARCEL NO.: 18

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

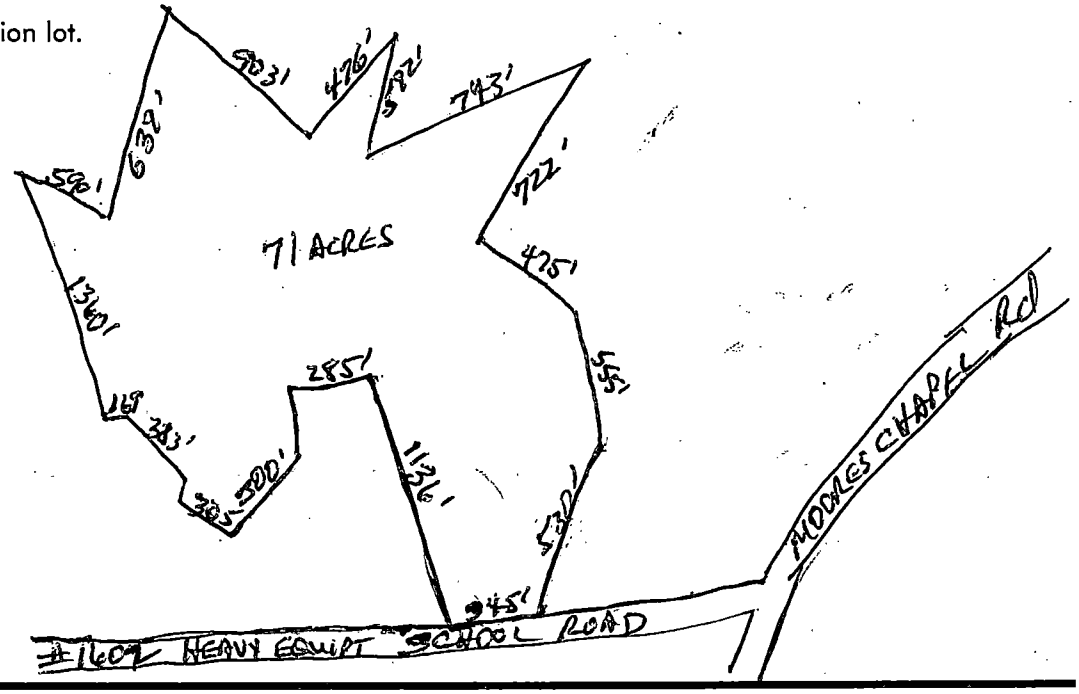
⑦ NAME: Michael T. Finch
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: c/o Clifford Austin 1100 South Tryon Street, Suite 100

⑨ CITY: Charlotte, ⑩ STATE: N.C. ⑪ ZIP: 28203

⑫ PHONE: (WORK) 342-4064 (HOME) 523-5165

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: Michael T. Finch

Date: 4-29-99

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 5/3/89

Name/Company Wood Investing Real Estate

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Replace Priv. Privy
#5719A
11 doors

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
MAY 8 1989

5 doors @ 75.00
6 doors @
5 Persons = 330
405

CR# 114
$405.00

Fee: $ 405 —

_____ _____