

3513 GREY RD

00333101

5/31/2007

duponbj

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

Mecklenburg County
Health Department

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

December 29, 1988

Duane H. Bruch
822 Longbow Road
Charlotte, NC 28211

RE: File #5281A

Dear Mr. Bruch:

A pre-preliminary investigation of soils and topography was made on the tract (parcel 003-041-01) located on Grey Road. A soils map 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 complex slope areas, a flood plain area, drainageway-depression areas, power line right-of-way areas, and a trench.

The complex slope areas are eroded to the point that septic tank systems could not be installed. There are several gullies that are eroded to depths of six feet or more.

There is a floodplain area adjacent to West Fork Rocky River. This area may be subject to surface flooding during long periods of heavy rainfall. The soils in this area are subject to seasonal water at depths from twelve to approximately twenty-four inches.

The drainageway-depression areas collect and channel surface runoff. These areas also have some complex slopes present and are not adaptable for the installation of septic tank systems.

Two power line right-of-way areas cross the tract. Generally speaking, septic tank systems would not be installed in right-of-way areas.

A trench is present on the property adjacent to the large barn. This appears to be an old trench silo that has been partially filled in. This location would be unsuitable for septic tank system installation even if completely filled in.

There are some old field terraces present on the tract that are not shown on the map because it is extremely difficult to locate them precisely. These terraces would have to be avoided when installing septic tank systems. However, reference points to facilitate accurate location were not available at the time of this investigation. These terraces are found in the open areas of the tract.

The soils in the unshaded areas of the map 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 is greater than forty-eight inches in most areas and appears to be thirty-six inches or deeper over the rest of the tract. Depth to ground water and restrictive horizons appears to be greater than forty-eight inches. Slopes range to approximately twenty percent or somewhat steeper in spots. Most of the slopes on these soils are approximately fifteen percent or less.

Based on this investigation, there are several areas 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 lot approval for septic tank system installation. Individual lot approval is dependent in part on the satisfactory completion of an investigation of each lot. Currently, no lots are marked on the tract. Note also that soil delineation lines 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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 12/12/88

Name/Company John H. Bell

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Soil Test
Preprelimiary
138 ac
#5281A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
DEC 12 1988

Fee: $ 740-

cr# 3212
11700.00
cr# 1526
11740.00

D Richard
Completed by

Collected by

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

(OFFICE USE ONLY)

FILE: 5281A

TC: 003-041-01

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: MARTIN FARM - GREY & STEARER Rds.

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

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: _____

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

OWNER

⑦ NAME: DUANE & Betty Jean HARRIS BRUCH
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 822 LONGBOW ROAD

⑨ CITY: CHARLOTTE ⑩ STATE: N.C. ⑪ ZIP: 28211

⑫ PHONE: (WORK) 704-527-4653 (HOME) 704-366-2717

⑬ Accurately diagram and dimension lot.

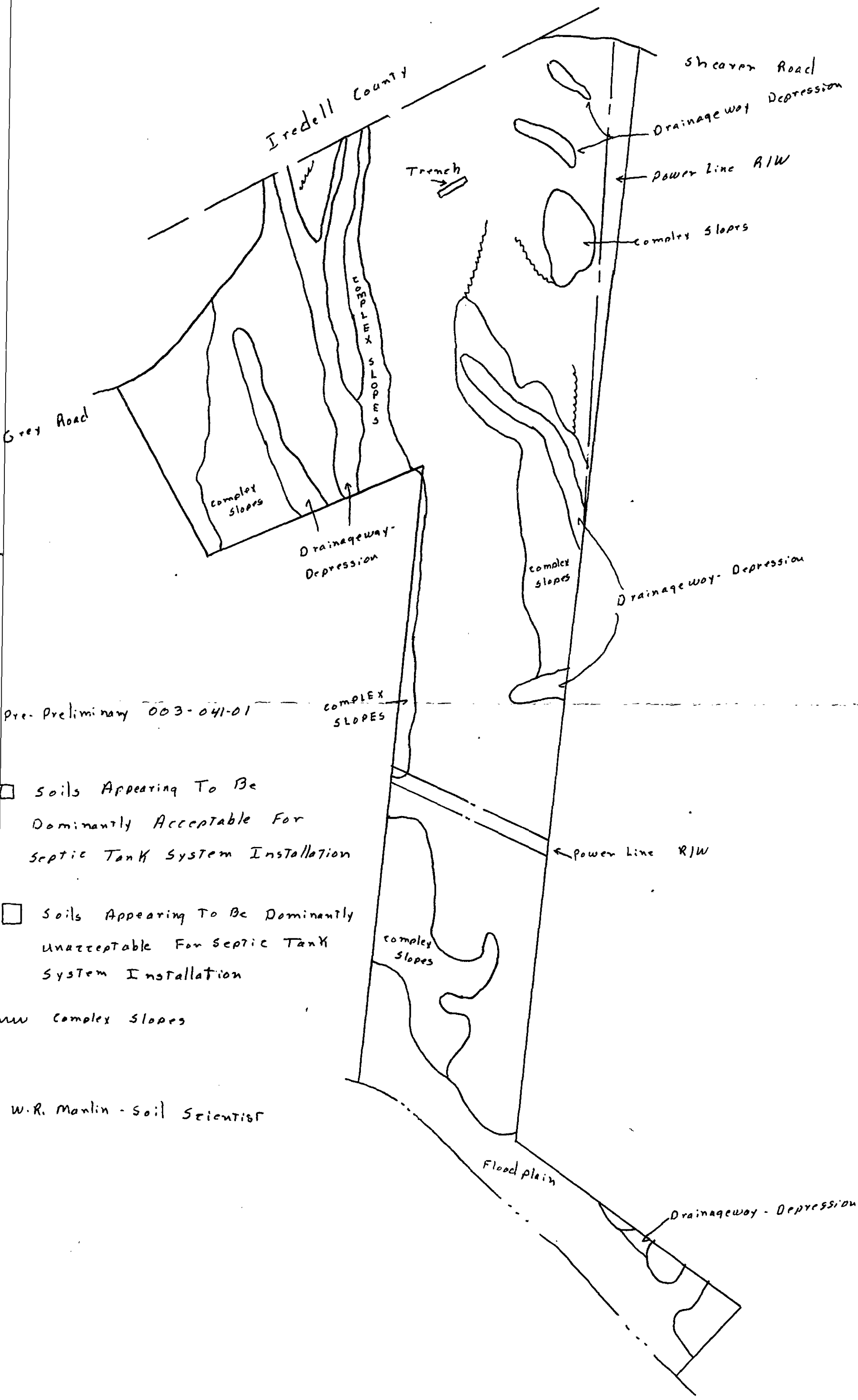
⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing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

Signed: X Duane H. Bruch

Date: X 12/10/88

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



☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

☐ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

∿∿∿ Complex Slopes

W.R. Manlin - Soil Scientist