

BAINBRIDGE III
137-101-01

5/21/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007

Barcode Font = IDAutomationHC39M

4528A

MECKLENBURG COUNTY
Department of Environmental Health

May 12, 1988

Jerry Taylor
Planning/Zoning Coordinator
Box 23457
Mint Hill, NC 28212

Dear Jerry:

A preliminary soils investigation has been made on the proposed subdivision known as Bainbridge III, located on Surface Hill Road. A soils map is enclosed.

The area marked with yellow lines appear to be dominantly unacceptable for the installation of septic tank systems. Included are areas of complex slopes, drainageway depressions, and soils with expanding clay minerals.

The complex slope areas have been eroded to the point that they are not adaptable for the installation of septic tank systems.

In addition to the marked areas, there are a number of old field terraces that would affect septic tank system location. These terraces would have to be located with respect to individual lot lines in order to determine their impact on septic tank system drainfields.

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

The soils with expanding clay have these minerals present in the subsoil horizons. These minerals expand when wet and inhibit water movement through the soil. These soils are also subject to seasonal perched water at depths of twenty-four to thirty-six inches. Soil depth is shallow in spots, ranging from approximately twenty-four to thirty-six inches.

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. Slopes range to approximately fifteen percent. Depth to saprolite and ground water is greater than thirty-six inches.

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

Based on this investigation, the following lots appear to have restricted areas of dominantly acceptable soils for septic tank system installation: Phase 1 - 4, 5, 8, 9, 24, 37, 38; Phase 2 - 1, 2, 3, 8. The following lots appear to have limited areas of dominantly acceptable soils: Phase 2 - 25, 35, 36, 39. The remaining lots appear to have adequate areas of dominantly 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 in part on the satisfactory completion of a soils investigation of each lot with lot lines and corners established. Presently, lot line are not established on the tract. Note also that soil delineation lines may be subject to changes of location pending additional investigation. Also, inclusions of soil areas other than those delineated may occur on the tract.

Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

WRM/ir

cc: Dan Moser Construction Company
Box 365
Mineral Springs, NC 28108

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
DIRECTOR

249 Billingsley Road
Charlotte, North Carolina 28211
Phone (704) 375-1885

MAY 12, 1988

M E M O R A N D U M

TO: KEITH STIWALT
BUDGET/FISCAL OFFICER

RE: REFUND $465.00 FILE 4528A
ORG 462 OPWD
DEPOSIT DATE 5/2/88
MOSER&HELMS CONST.

DEAR MR. STIWALT:

PLEASE REFUND THE AMOUNT OF $465.00 TO THE ABOVE CLIENT. THE REASON FOR THE REFUND IS THAT THE CLIENT HAD A PRELIMINARY SOIL TEST AND MISQUOTED THE TOTAL ACREAGE. AFTER CHECKING THE TAX MAPS, MR. MARLIN, SOIL SCIENTIST CALCULATED THE TOTAL ACREAGE AT 34.5 ACRES IN LIEU OF 50 ACRES. TOTAL FEE SHOULD HAVE BEEN $1,035.00 . THE FEE CHARGED WAS $1,500.00.

THANK YOU

SINCERELY

LORRAINE C. WHITAKER
ACCT TECH
ENVIRONMENTAL HEALTH DIVISION

ADDRESS AND MAKE CHECK PAYABLE TO:

MOSER & HELMS CONSTRUCTION CO, INC.
P. O. BOX 365
MINERAL SPRINGS, NORTH CAROLINA 28108

ENCLOSURE DOCUMENTATION

03289

April 29, 1988 fee for preliminary repart for Bainbridge III to make sure suitable for Sewarage Disposal.

If you have any questions, Please contact Melanie Nichols at 847/9027

137-101-01

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MOSER & HELMS CONSTRUCTION CO., INC
P.O. BOX 365
MINERAL SPRINGS, NC 28108

03289
66/947/531

Security Bank
Monroe, NC 28110

DATE	AMOUNT
April 29, 1988	1,500.00

PAY One thousand five hundred no/100----------

TO THE ORDER OF Mecklenburg County Health Department
1200 Blythe Blvd.
Charlotte, N. C. 28203

MOSER & HELMS CONSTRUCTION CO., INC.

Patricia Helms

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