

2000 MARGLYN DR

21509104

12/19/2007

duponbj

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

1180B/9151A

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

[] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: North Carolina Dept. of Transportation c/o Darrin S. Brown
(last) (first) (mi)

ADDRESS: 5701 Executive Center Dr PHONE: (704) 537-1541

CITY: Charlotte STATE: NC ZIPCODE: 28212

Date: 11/9/93

PROPERTY OWNER:

NAME: Cagle Ward H.
(last) (first) (mi)

ADDRESS: 2000 Marylyn Dr PHONE: (704) 847-7777

CITY: Matthews STATE: NC ZIPCODE: 28105

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 215-091-04

STREET ADDRESS: 2000 Marylyn Dr Matthews

ZONING: R-3

Township (check one):
[] 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [] 3 Cornelius [X] 5 Matthews [] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME: N/A

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):

[] SOIL TEST - INDIVIDUAL LOT (D)
[X] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
[] SOIL TEST DEVELOPMENT (P)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[X] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [X] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: 4 NUMBER OCCUPANTS: 2

SYSTEM CLASSIFICATION: Conventional (existing)

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ____ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[] Community (C) [] Shared Well (S)
[] Municipal (M) [] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [X] None
[] Garage [] Storage Building [] Deck/Patio [] Bedrooms [] Other

The undersigned, owner, or legal agent for the 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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Darrin S. Brown Date: 11/9/93

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

[] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head Date

WATER : 122791

Mecklenburg County

Health Department

Betty S. Snow, R.N., M.A.
Health Director

June 18, 1993

Mr. Ward Cagle
2000 Marglyn Drive
Matthews, NC 28105

Dear Mr. Cagle:

A soil investigation was performed at 2000 Marglyn Drive for the purpose of a possible relocation of the septic tank system. This relocation is due to the proposed encroachment of the DOT right-of-way. The soils were found to have expansive clay and seasonal perched water at depths of 12-24 inches. Depth to saprolite ranged from 24-36 inches. These conditions render the soils UNSUITABLE for septic tank system installation according to our curent sewage rules.

The present septic tank system was installed in the late 1970's. At that time there was a provision in the rules that would allow modified septic tank systems to be installed in sites with the soil conditions described above. However, this provision is no longer present in the rules. The site would be classified as UNSUITABLE according to present rules.

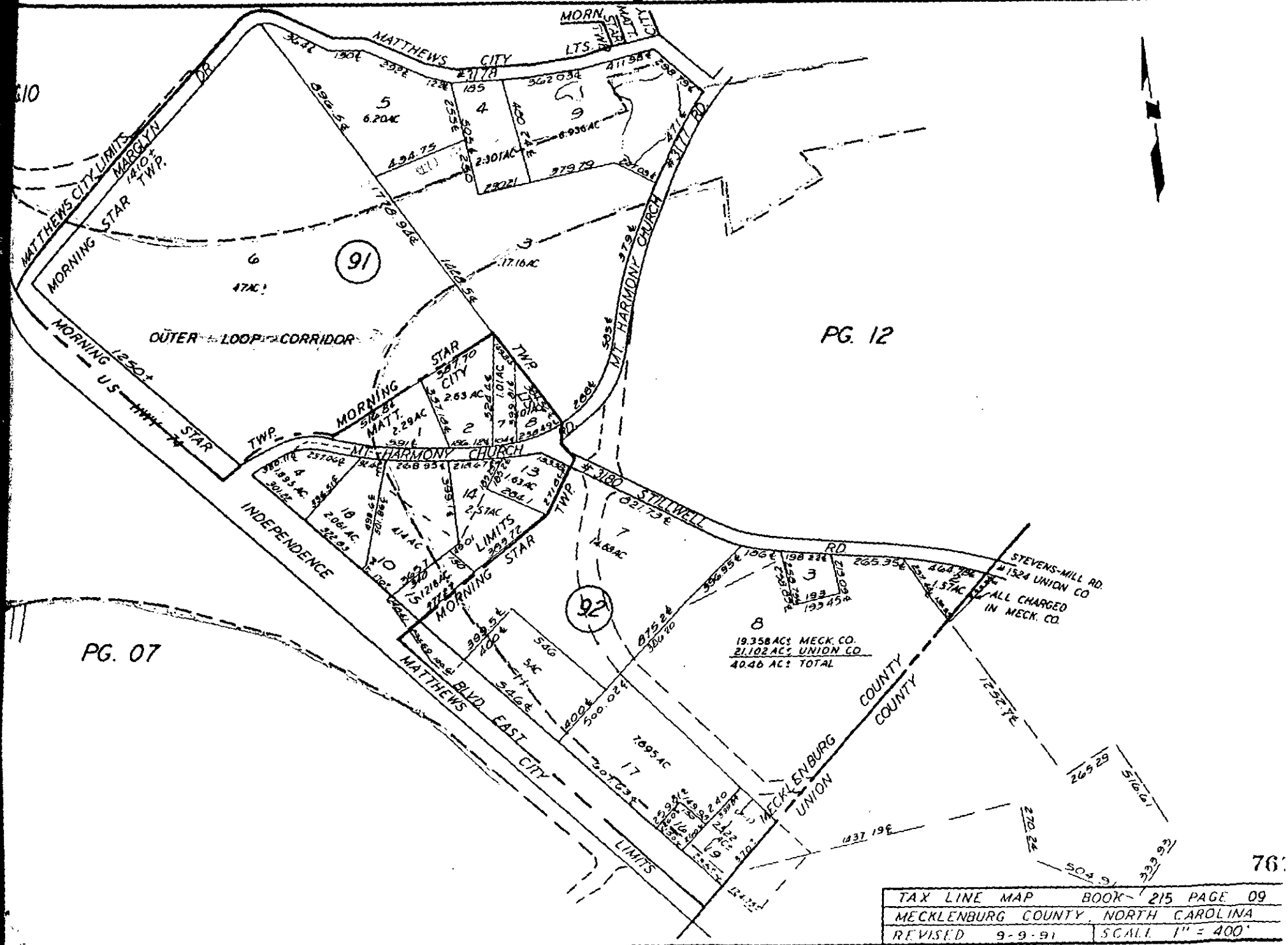
There is an appeals procedure available in the event there is a problem with the soil classification or some other area of this situation. Please contact our office if there are any questions or if you wish to exercise your right of appeal.

Sincerely yours,

William R. Marlin

William R. Marlin
Soil Scientist

cc: Mr. Darren Brown, DOT


MATTHEWS CITY LTS.
MATTHEWS CITY LIMITS
MARGYN
STAR TWP.
MORNING STAR TWP.
OUTER LOOP CORRIDOR
MORNING STAR TWP.
MT. HARMONY CHURCH
MT. HARMONY CHURCH
#3180 STILLWELL RD.
#3178
#3177 RD.
INDEPENDENCE
MATTHEWS BLVD. EAST
CITY LIMITS
MORNING STAR
LIMITS
MECKLENBURG COUNTY
UNION COUNTY
STEVENS-MILL RD.
#1524 UNION CO.
ALL CHARGED IN MECK. CO.
19.358 AC± MECK. CO.
21.102 AC± UNION CO.
40.46 AC± TOTAL
PG. 12
PG. 07
91
92
6.20AC
2.301AC
6.936AC
17.16AC
2.63 AC
2.29AC
1.895 AC
2.061 AC
1.01AC
2.5 AC
1.63AC
1.5 AC
1.695AC
5.46
5.46
1.5 AC
1.5 AC
1.5 AC

Dr.

1180B/1951A

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Mecklenburg County Health Dept.
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PERSON FILING APPLICATION:

NAME: North Carolina Dept of Transportation c/o Darrin S. Brown
(last) (first) (mi)

ADDRESS: 5701 Executive Center Dr PHONE: (704) 537-1541

CITY: Charlotte STATE: NC ZIPCODE: 28212

Date: 11/9/93

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 215-091-99

STREET ADDRESS: Adj to 2000 Marglyn Dr

ZONING: R-3

PROPERTY OWNER:

NAME: NC DOT
(last) (first) (mi)

ADDRESS: * See ~~Property Address~~ Below PHONE: (___) _____

CITY: STATE: ZIPCODE:

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
[] 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [] 3 Cornelius [X] 5 Matthews [] 7 Mint Hill

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[] SINGLE MOBILE HOME (S) [] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: 4 NUMBER OCCUPANTS: 2

SYSTEM CLASSIFICATION: Modified (engrd)

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
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FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
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...This permit is not transferable.

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[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

_____ Environmentalist Date

_____ Director or Authorized Section Head Date

WATER : 122791

* The property for which this improvement application is filed is a DOT residue located adjacent to 2000 Marglyn Drive on its Western boundary. (See attached sketch)

Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

November 9, 1993

Mr. Darrin Brown
North Carolina Department of Transportation
5701 Executive Center Drive
Charlotte, North Carolina 28227

Re: 2000 Marglyn Drive
File: 1180B/9151A
Parcel: 215-091-99

Dear Mr. Brown:

Receipt of the plans and specifications for a septic tank system for sewage disposal for the above referenced property is hereby acknowledged. Upon receipt of the information, a review was made of the material on file and a site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 15A NCAC 18A .1900, "LAWS AND RULES FOR SEWAGE TREATMENT AND DISPOSAL SYSTEMS." Our comments are listed below:

1) SOILS CHARACTERISTICS (MORPHOLOGY)
.1941 (a) (3) (B) EXPANSIVE CLAY MINERALOGY- Soils which have very firm or extremely firm moist soil consistence, or have either very plastic wet soil consistence, are considered to have predominantly 2:1 clay minerals (including mixed mineralogy clays) and shall be considered UNSUITABLE as to clay mineralogy.

2) SOIL WETNESS CONDITIONS
.1942 (a) Soil wetness conditions caused by a seasonal high water table, perched water table, tidal water, seasonally saturated soils or by lateral water movement shall be determined by observation of colors of chroma 2 or less (Munsell color chart) in mottles or a solid mass. If drainage modifications have been made, the Department may make determination of the soil wetness conditions by direct observation of the water surface during periods of typically high water elevations. Sites where soil wetness conditions are greater than 48 inches below the naturally occurring soil surface shall be considered SUITABLE with respect to soil wetness.

3) SOIL DEPTH
.1943 (a) Soil depths to saprolite, rock, or parent material greater than 48 inches shall be considered SUITABLE as to soil depth. Soil depths to saprolite, rock, or parent material between 36 inches and 48 inches shall be considered PROVISIONALLY SUITABLE as to soil depth.

Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

November 5, 1993

Mr. Darrin Brown
North Carolina Department of Transportation
5701 Executive Center Drive
Charlotte, North Carolina, 28227

Re: 2000 Marglyn Drive
File: 1180-B/9151-A
Parcel: 215-091-99

Dear Mr. Brown,

Receipt of the plans and specifications for a septic tank system for sewage disposal for the above referenced property is hereby acknowledged. Upon receipt of the information, a review was made of the material on file and a site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 15 A NCAC 18 A .1900, "LAWS AND RULES FOR SEWAGE TREATMENT AND DISPOSAL SYSTEMS". Our comments are listed below:

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2. SOIL WETNESS CONDITIONS
.1942 (a) Soil wetness conditions caused by a seasonal high water table, perched water table, tidal water, seasonally saturated soils or by lateral water movement shall be determined by observation of colors of chroma 2 or less (Munsell color chart) in mottles or a solid mass. If drainage modifications have been made, the Department may make a determination of the soil wetness conditions by direct observation of the water surface during periods of typically high water elevations. However, colors of chroma 2 or less which are relic from minerals of the parent material shall not be considered indicative of a soil wetness condition. Sites where soil wetness conditions are greater than 48 inches below the naturally occurring soil surface shall be considered SUITABLE with respect to soil wetness. Sites where soil wetness conditions are between 36 inches

and 48 inches below the naturally occurring soil surface shall be considered PROVISIONALLY SUITABLE with respect to soil wetness. Sites where soil wetness conditions are less than 36 inches below the naturally occurring soil surface shall be considered UNSUITABLE with respect to soil wetness.

3. SOIL DEPTH
.1943 (a) Soil depths to saprolite, rock, or parent material greater than 48 inches shall be considered SUITABLE as to soil depth. Soil depths to saprolite, rock, or parent material between 36 inches and 48 inches shall be considered PROVISIONALLY SUITABLE as to soil depth. Soil depths to saprolite, rock, or parent material less than 36 inches shall be classified UNSUITABLE as to soil depth.

Possible ways to prevent functional obsolescence of this property exist under the following rule:

SITE CLASSIFICATION
.1948 (d) A site classified as UNSUITABLE may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as PROVISIONALLY SUITABLE if the local health department determines that the substantiating data indicate that:

(1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non toxic, and non-hazardous;

(2) the effluent will not contaminate groundwater or surface water; and

(3) the effluent will not be exposed on the on the ground surface or be discharged to surface waters where it could come in contact with people, animals or vectors.

The State shall review the substantiating data if requested by the local health department.

Please be advised that you have the right to an informal review by this department and the right of appeal under G.S. 130A-24.

If you have any questions regarding this matter please do not hesitate to call me at 336-5575.

Sincerely,

Kelly Randall, R.S. Soil Scientist
Individual Water and Wastewater Systems

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

JAMES B. HUNT, JR.
GOVERNOR

SAM HUNT
SECRETARY

5701 Executive Center Drive, Suite 300
Charlotte, N. C. 28212
Telephone: (704) 537-1541
November 9, 1993

Mecklenburg County Environmental Health Department
700 North Tryon Street, Suite 229
Charlotte, North Carolina 28209
Attention Mr. Kelly Randall

Re: Property of Mr. Ward H. Cagle
Located at 2000 Marglyn Drive
and a Westerly Adjacent Dept.
of Transportation Residue Property

Dear Mr. Randall:

Please find attached two applications for improvement permits on the properties noted above. Also attached are the letters received from the Mecklenburg County Environmental Health Department stating unsuitable soil conditions on each of these parcels. Per our telephone conversation, I understand these applications should be filed so that Mecklenburg County can formally deny an improvement permit on either of these properties.

If I can be of further assistance in this matter, please advise.

Sincerely,

Darrin S. Brown

DSB:lg

Enclosures

Mecklenburg County

Health Department

Betty S. Snow, R.N., M.A.
Health Director

September 24, 1993

NC DOT Center
5701 Executive Drive
Charlotte, NC 28227

RE: Property located at Off Marglyn Drive
FILE: 1180B/9151A
PARCEL: 215-091-99

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as **UNSUITABLE** under criteria as set forth in 15A NCA 18A .1900 of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, August 1, 1991. Evaluation Report (Serial Number 19494) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B-23.

If there are any questions, please contact Bill Marlin at 336-5574.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

Enclosure

KR:lw

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 19494

File: 1180 B/9151A Action 3

Parcel: 215-091-09 PC

Location: off Marglyn Dr

Subdivision:

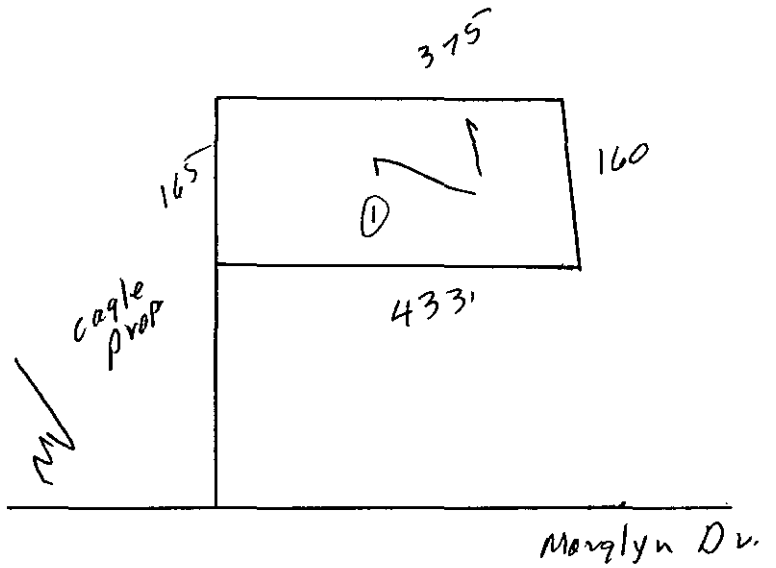
Lot: Block: Acres: 1.5

Owner: NC DOT, Centu
Address: 5701 Executive Dr.
Charlotte, N.C. 28279

Comments:

Described by: William A. Marlin

Date: 9-24-93



*** EVALUATION KEY ***

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) Expansive clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U subst Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS (U) perched/wet +24"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 20-36"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 36"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Helena-Lilo					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

Mecklenburg County

Health Department

Betty S. Snow, R.N., M.A.
Health Director

September 24, 1993

NC DOT Center
5701 Executive Drive
Charlotte, NC 28227

RE: Property located at Off Marglyn Drive
FILE: 1180A/9151A
PARCEL: 215-091-99

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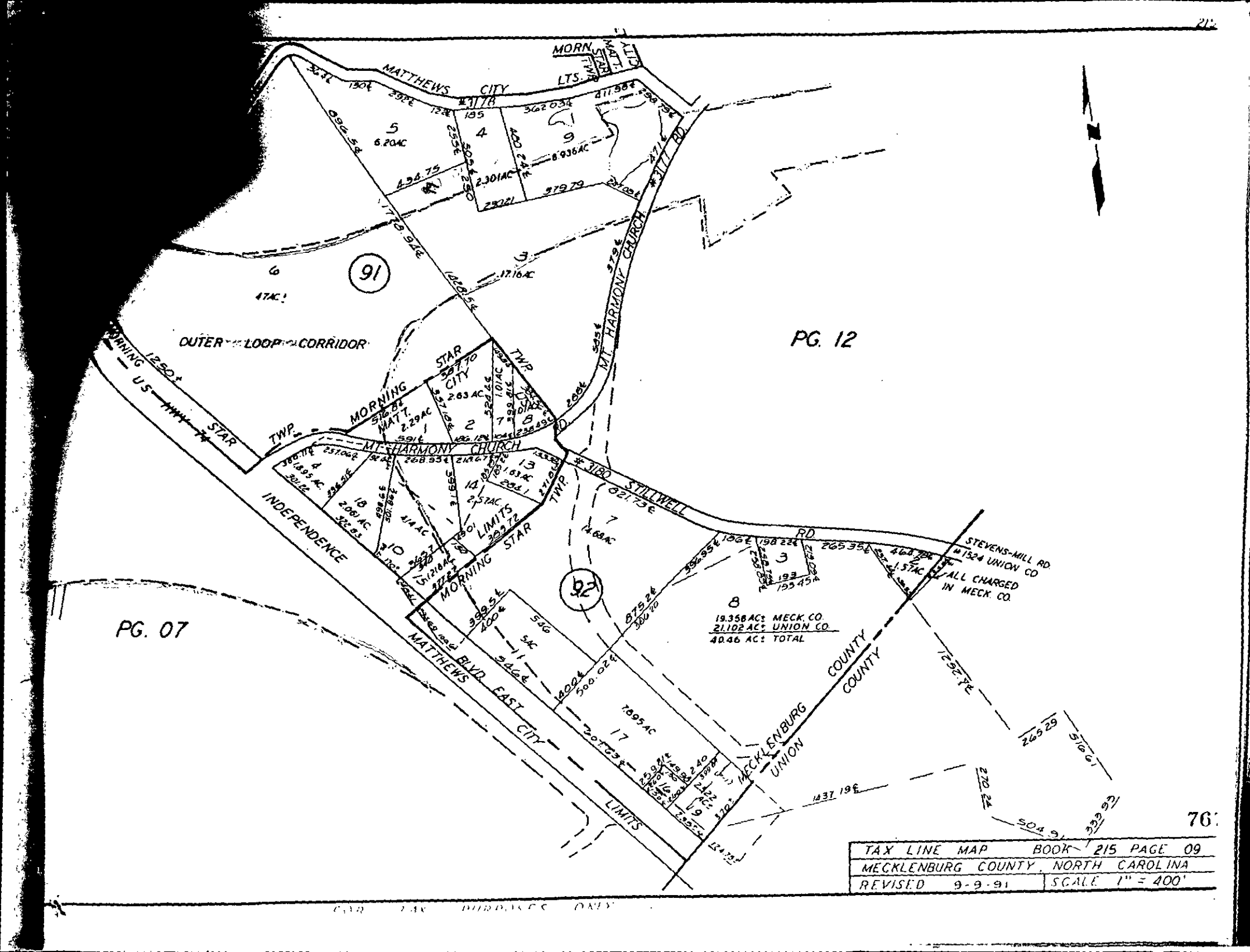
If there are any questions, please contact Bill Marlin at 336-5574.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

Enclosure

KR:lw


MORN. STAR TWP.
MATT. CITY
MATTHEWS CITY LTS.
#3178
#3177 RD
MT HARMONY CHURCH
#3180 STILLWELL RD
OUTER LOOP CORRIDOR
MORNING STAR TWP.
MORNING STAR CITY LIMITS
MT HARMONY CHURCH
INDEPENDENCE
MATTHEWS BLVD. EAST CITY LIMITS
MECKLENBURG COUNTY
UNION COUNTY
STEVENS-MILL RD.
#1524 UNION CO
ALL CHARGED IN MECK. CO.
91
92
PG. 12
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2.63AC
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1.01AC
1.63AC
2.57AC
1.68AC
2.06AC
1.5AC
19.358AC± MECK. CO.
21.102AC± UNION CO.
40.46 AC± TOTAL
7.895AC
5AC
TAX LINE MAP BOOK 215 PAGE 09
MECKLENBURG COUNTY, NORTH CAROLINA
REVISED 9-9-91
SCALE 1" = 400'