

8800 STEELE CREEK RD

19959103

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duponbj

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

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

3213B

PD 150 Ch 4 8/23/94 ☐ CRT

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

(704)336-5102

PERSON FILING APPLICATION:
NAME: Whiteside (last) SAMUEL (first) W (mi)
ADDRESS: 8800 Steel Creek RD PHONE: (704) 588-0489
CITY: CHARLOTTE STATE: NC ZIPCODE: 28273

Date:

PROPERTY OWNER:
NAME: SAME (last) (first) (mi)
ADDRESS: _____ PHONE: (___) _____
CITY: STATE: ZIPCODE:

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 199-231-01-P.O.
STREET ADDRESS: OFF SHOPTON RD WEST
ZONING: _____

SUBDIVISION OR MOBILE HOME PARK NAME:

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

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):
☐ SOIL TEST - INDIVIDUAL LOT (D)
☐ 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 REMOVATION/NO MAJOR CHANGES (X)
☐ MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
☐ REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
☐ SINGLE MOBILE HOME (S) ☒ HOUSE (N) ☐ MULTIPLE FAMILY (U)
☐ DOUBLE WIDE (D) ☐ MODULAR HOME (M) ☐ OTHER _____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 2

SYSTEM CLASSIFICATION:

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)
☒ Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
☐ Swimming Pool ☐ Jacuzzi ☐ Stable/Barn ☐ Workshop ☐ 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: S. Wayne Whiteside Date: 8-18-94

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved 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

_____ Date
Environmentalist

_____ Date
Director or Authorized Section Head

WWATER : 122791

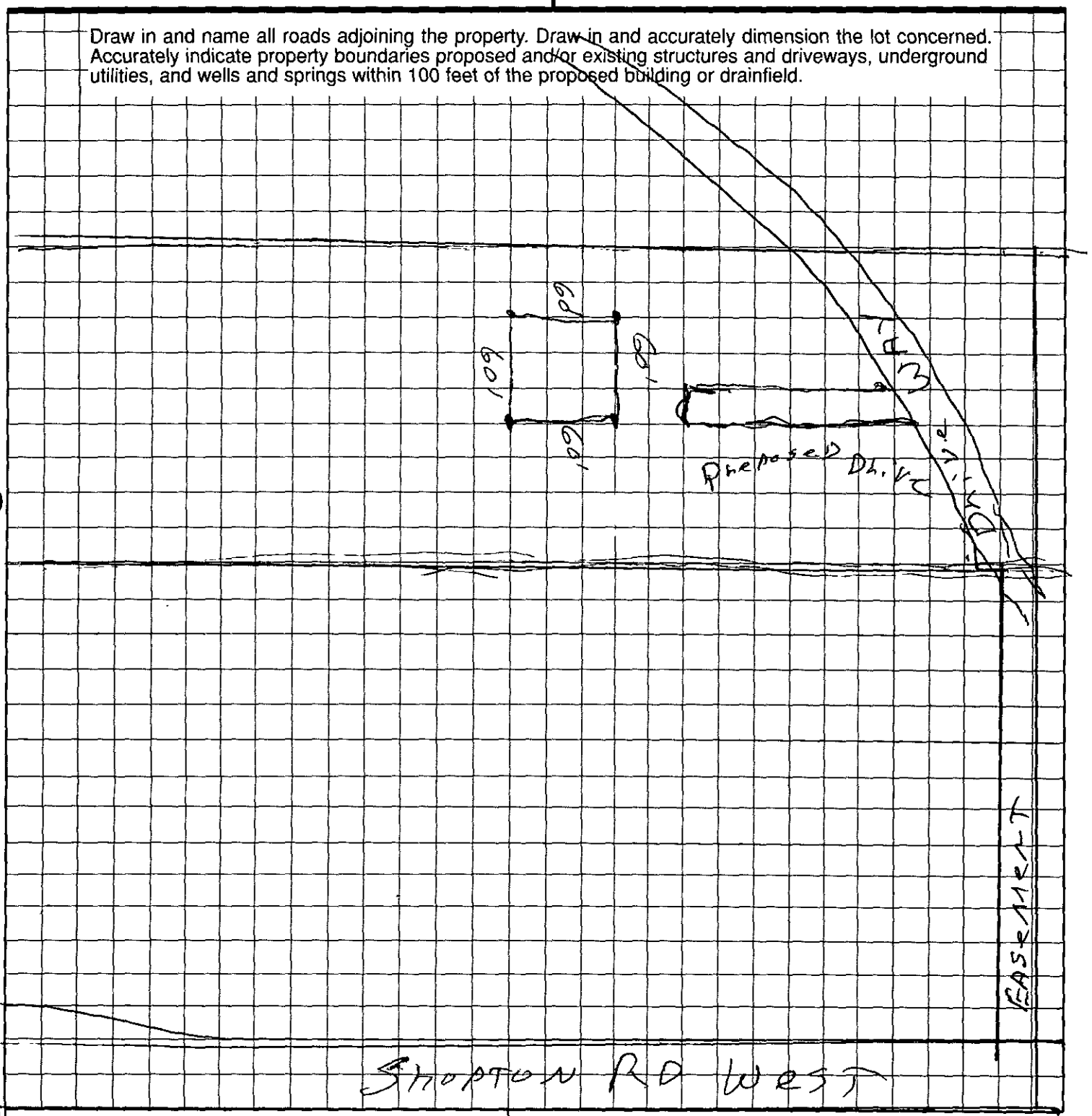
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3273B

TC: 199-231-01PP

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

Mecklenburg County
Health Department

December 16, 1994

Mr. Samuel Whiteside
8800 Steele Creek Road
Charlotte, NC 28273

Dear Mr. Whiteside:

Re: 8800 Steele Creek Road
File: 3273B
Parcel: 199-231-01PO

Receipt of the plans and specifications for a conventional system of sewage disposal for the above 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 NCAC 18A, .1900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal." Our comments are listed below:

.1940 Topography and Landscape Position

(e) "Depressions shall be considered UNSUITABLE with respect to landscape position..."

.1941 Soil Characteristics

(B) EXPANSIVE CLAY MINERALOGY - Soils which have either very firm or extremely firm moist soil consistence, or have either very sticky or 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.

Section .1942 Soil Wetness Conditions

Soils 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. This site had unsuitable soil wetness conditions.

Section .1943 Insufficient Soil Depth.

(a) Soil depths to saprolite, rock or parent material less than 36 inches shall be classified UNSUITABLE as to soil depth.

Section .1945 Available Space (a) & (b)

Sites shall have enough area to permit a properly functioning ground absorption system and a completely separate area available for repair. There is not enough area for system and repair as needed.

For these reasons, the plans as submitted are disapproved: However, state regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 15 NCAC 18A .1948 (c) are met.

It is my understanding that this lot has been evaluated by Joe Lynn, the Regional Soil Scientist for this county, and has classified the lot UNSUITABLE for alternative and/or modified systems. Please follow any recommendations he has listed in his report of October 20, 1994.

If you have any questions concerning this matter, please contact me at 336-5572.

Sincerely,

Toni H. Newell, R.S.
Individual Water and Wastewater Systems

TN:gf

RE: 8800 Steele Creek Rd.
[redacted]
File: ~~7-18A~~ 3273 B
Parcel: ~~091-39-02~~
199-231-01P0

Mr. Samuel Whiteside
8800 Steele Creek Rd
Charlotte, NC 28273

Dear Mr. Whiteside:

Receipt of the plans and specifications for a conventional system of sewage disposal for the above 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 15NCAC 18A, .2900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal." Our comments are listed below:

.1940 Topography and Landscape Position
(e) "Depressions shall be considered UNSUITABLE with respect to landscape position..."

.1941 Soil Characteristics
(B) EXPANSIVE CLAY MINERALOGY - Soils which have either very firm or extremely firm moist soil consistence, or have either very sticky or very plastic wet soil consistence, are considered to have predominantly 2:1 clay

minerals (including mixed mineralogy clays) and shall be considered UNSUITABLE due to clay mineralogy.

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Section .1943 Insufficient Soil Depth.

(a) Soil depths to saprolite, rock or parent material less than 36 inches shall be classified UNSUITABLE as to soil depth.

Section .1945 Available Space (a) & (b)

Sites shall have enough area for or to permit a properly functioning ground absorption system and a completely separate area available for repair.

Mecklenburg County
Health Department

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

June 10, 1994

Maxton G. Redding, Jr.
7208 Applecross Lane
Charlotte, NC 28215

Re: 20908 Tuskarora Trail
File: 7028A
Parcel: 001-391-72

Dear Mr. Redding:

Receipt of the plans and specifications for a conventional system of sewage disposal for the above 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 NCAC 18A, .2900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal". Our comments are listed below:

.1945 AVAILABLE SPACE
(a) Sites shall have sufficient available space to permit the installation and proper functioning of ground absorption sewage treatment and disposal systems, based upon the square footage of nitrification field required for the application rate determined in accordance with these Rules.
(b) Sites shall have sufficient available space for a repair area equal to the area determined in Rule .1945 (a) of this Section.

For these reasons, the plans as submitted are disapproved: However, state regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 15 NCAC 18A .1948 (c) are met.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

16 18

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 20527

File: 32138 Action 3

Parcel: PO 149-231-01 ☐ PC

Location: off Shopton Road West

Subdivision:

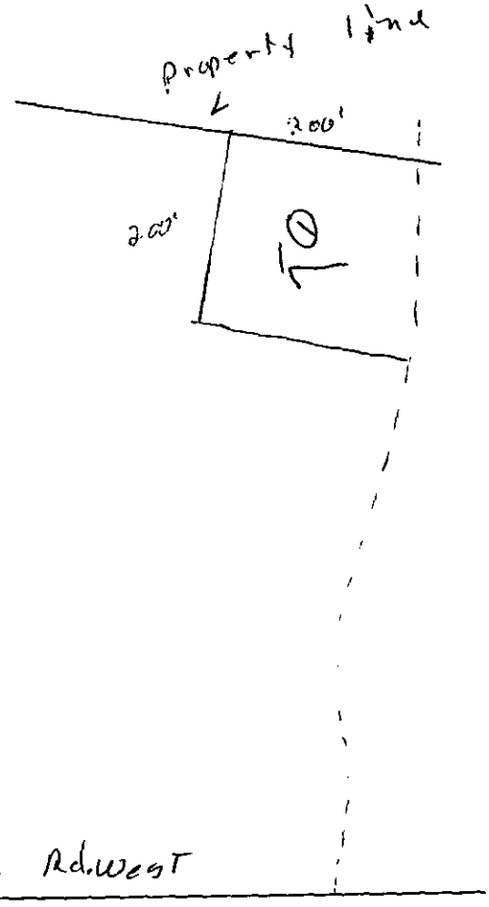
Lot: Block: Acres: Approx .9

Owner: Samuel W. Whiteside
Address: 8800 Steele Creek Road
Charlotte, N.C. 28273

Comments: 100% Repair

Described by: William R. Marlin

Date: 12-12-94



***** 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 2-10%	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 Block	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS (U) Soil Wetness 24"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 7-30"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 7-36"	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	Series Not Determined					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

S PS U | S PS U | S PS U | S PS U | S PS U

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

[ ] CRT

3213B

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
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(704)336-5102

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Township (check one):
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SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres):

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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: 3 NUMBER OCCUPANTS: 2

SYSTEN CLASSIFICATION:

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 [ ] 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: S. Vance Whiteside Date: 8-18-94

NOTICE:

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...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 : 12279

3213B

SOIL AND SITE REPORT FOR A GROUND ABSORPTION WASTEWATER SYSTEM

by

JOE LYNN, REGIONAL SOIL SPECIALIST
ON-SITE WASTEWATER SECTION
DIVISION OF ENVIRONMENTAL HEALTH

Submitted to:

WILLIAM MARLIN, SOIL SCIENTIST
MECKLENBURG COUNTY HEALTH DEPARTMENT

OCTOBER 20, 1994

Joe Lynn
Regional Soil Specialist

SUMMARY

This site is **UNSUITABLE** for a ground absorption wastewater treatment and disposal system under current laws and rules 15A NCAC 18A .1900. **No ground absorption wastewater (septic tank) system can be permitted on this site.**

Conventional systems	NO
Shallow conventional systems	NO
Large Diameter Pipe systems	NO
Prefabricated Porous Block Panel systems	NO
Low Pressure Pipe Systems	NO
Fill Systems	NO
Aerobic Treatment Systems	NO

This report gives a brief summary of the findings, conclusions, and recommendations.

If you have any questions or I can be of assistance contact me at the Mooresville Regional Office (704) 663-1699.

INTRODUCTION

COUNTY: Mecklenburg

OWNER/APPLICANT: Samuel Whiteside

LOCATION: Off Shopton Road West

TYPE OF FACILITY: Residence

DESIGN UNIT: 360 gpd

PROPOSED WATER SUPPLY: On-site well

EVALUATED BY: Joe Lynn assisted by Bill Marlin using hand augers

DATE OF EVALUATION: September 28, 1994

OTHER(S) PRESENT: N/A

SITE INFORMATION

AREA/PRESENT USE: Part of four acre tract / woods and grass field

TOPOGRAPHY: 2 to about 11 percent

LANDSCAPE POSITION: Ridge and linear slopes

SITE LIMITATIONS: Stream / terraces

SOIL INFORMATION

SOIL TEXTURE: (surface) Clay loam and clay
(subsoil) Sandy clay and clay

SOIL STRUCTURE: (subsoil) Blocky

CLAY MINERALOGY: 0 to 7 inches to expansive clay

SOIL DEPTH: 7 to 30 inches to saprolite, rock, or parent material

SAPROLITE: 7 to 30 inches to unsuitable saprolite

SOIL WETNESS: 24 inches to chromas of 2 or less

RESTRICTIVE HORIZONS: None

AREA of S or PS SOIL: None found

CONCLUSIONS

This site is unsuitable for the installation of a conventional ground absorption wastewater system due to:

1. Unsuitable Topography and Landscape Position — Section .1940
   Depressions on terraces
2. Unsuitable Soil Characteristics — Section .1941
   Expansive clay mineralogy
3. Unsuitable Soil Wetness — Section .1942
   Chromas of 2 or less from Munsell Color Book
4. Insufficient Soil Depth — Section .1943
   Soil depths of less than 36 inches
5. Insufficient Available Space — Section .1945
   Not enough area for an initial sewage system and a repair if needed.

The site is Unsuitable under Rule .1956 Modifications to Septic Tank Systems. Neither shallow trenches, large diameter pipe, nor porous block panel systems are options for this site. The saprolite is unsuitable by this rule (mafic rock and greater than 20 per cent clay). Drainage will not be sufficient to reclassify the site to Provisionally Suitable.

The site is Unsuitable under Rule .1957 Alternative Sewage Systems. Neither a low pressure pipe system, fill system, nor an aerobic treatment unit are options for this site.

RECOMMENDATIONS

The owner has the following options that might allow the use of this property as desired:

1. The applicant may purchase other Suitable or Provisionally

Suitable property to place the ground absorption sewage system on.

2. The applicant may obtain an easement on a Suitable or Provisionally Suitable property to place the ground absorption sewage system on.
3. The Division of Environmental Management in Mooresville, N. C. at (704) 663-1699 may be contacted to pursue options available through that office. I suggest looking into surface drip disposal or possibly spray irrigation.
4. A sewage system can be pursued under Rule 1957 (c). Written documentation must be submitted to your office showing that the proposed sewage system can be expected to function properly. The data must contain the following:
   A. The effluent must be non-pathogenic, non-infectious, non-toxic, and non-hazardous.
   B. The ground water and the surface water must not be contaminated by the effluent.
   C. The effluent must not be exposed to the ground surface or discharged to surface waters where it could come into contact with people, animals, or vectors.

Mecklenburg County
Health Department

October 24, 1994

Samuel W. Whiteside
8800 Steele Creek Road
Charlotte, NC 28273

Dear Sam:

Enclosed is a copy of the report from Joe Lynn, Regional Soil Specialist, for the property (199-231-01) located off Shopton Road West.

Please let me know if you have any questions regarding the report.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

cc: file 3273B

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236