Serial No. 5194

SIR No. 19986

T C No. PO 001-431-47

Date Issued 9-8-83

Map Date

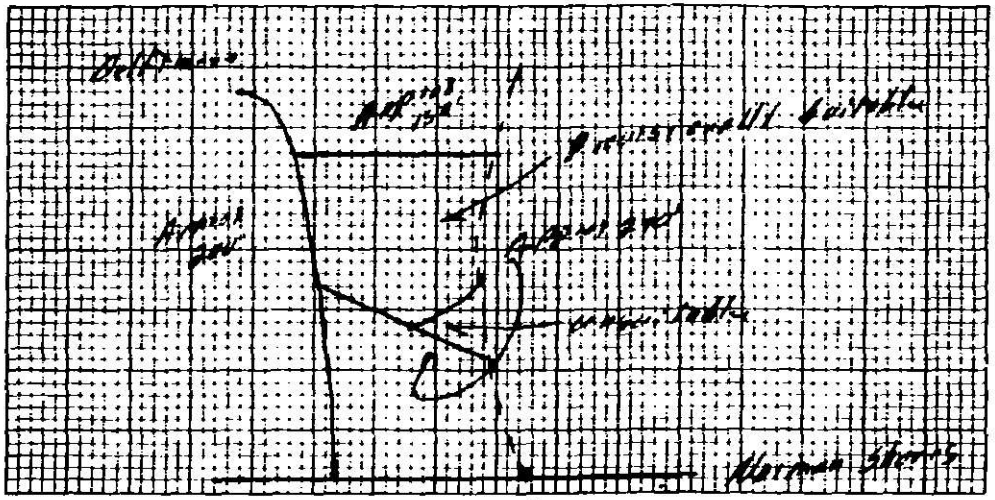
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Boyles, Jr. (LAST) William (FIRST) Frank (MIDDLE)

ADDRESS OF OWNER Rt. 1, Box 108, Davidson, NC ZIP 28036

LOCATION OF PROPERTY Norman Shores Dr. & Delfmere Dr. (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO.



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. **Provisionally Suitable**

The permeability rate determined by the investigation was . The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. A permit to install, construct, alter or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings or of the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling or construction including the drilling of a well is performed on the lot which, in the opinion of the Mecklenburg County Department of Environmental Health, renders the area indicated as acceptable for system installation unsuitable for installation, construction, alteration and/or repair of such a system.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources, Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws, rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules, and regulations been in effect on the issue date.

William A. Martin
Soil Scientist

Environmental Health Director or
Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SIR. NO. 19986
T.C. NO. PO 001-431-47
DATE: 9-2-83

Mr. William F. Boyles, Jr.
Route 1, Box 108
Davidson, NC 28036

RE: Property located at Norman Shores Dr. & Delftmere Dr., Tract 2

Dear Mr. Boyles:

At your request, a field investigation was conducted on the property designated above and was classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreement Form" provided by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19986

T.C. NO. AO 001-431-47

(Ground Absorption Sewage Disposal)

OWNER: William F. Boyles Jr.
ADDRESS: [redacted] R.1, Box 101 Davidson
PLAT NO: Tract #1
LOT SIZE: Approx 30 acre
LOCATION OF SITE: Norman Shores & Delfflemere

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-8%	(S) PS U 8-10%	(S) PS U 2-8%	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U 2-1 Clay	S (PS) U clay	S PS (U) 2-1 Clay	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S (PS) U Blocky	S PS U
4. SOIL DEPTH (inches)	S PS (U) 18-30"	S (PS) U 36-40"	S (PS) U 36-40"	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U 30" Micas	S (PS) U 30"	S (PS) U 30"	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U 30" to ground water	S (PS) U 30" to ground water	S PS (U) Depression	S PS U
7. OTHER (Specify)	S PS U	S PS (U) Restricted Area	S PS U	S PS U
8. SOIL GROUP	IVB	IVA	IVB	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Enon Like	Cecil Like	Depression	

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

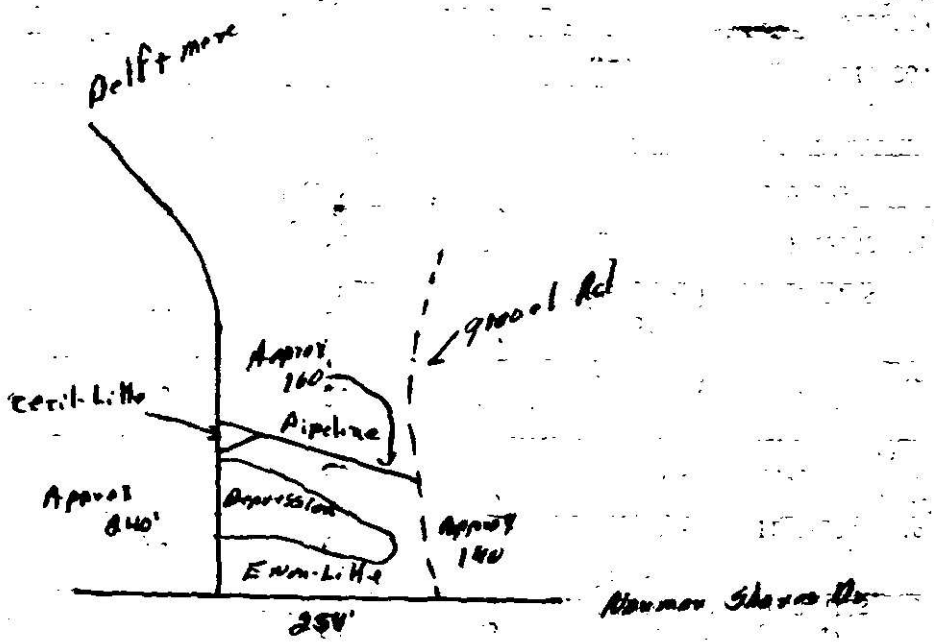
Recommendations/Comments: _____

Described by: William R. Marlin
Title: Soil Scientist

Date: 9-1-83

EHD 539 (Revised: 6/82)

2B


Delft more
Approx 160'
Pipeline
Approx 840'
Approx 140'
25'

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19986

T.C. NO. PD 101-431-97

(Ground Absorption Sewage Disposal)

OWNER: William E. Rogers Jr.
ADDRESS: Rt. 1 Box 108 Davidson

PLAT NO: Tract #1
LOT SIZE: Approx 34,000

LOCATION OF SITE: Dellflower

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-6%	S (PS) U 2-6%	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clay	S PS U 2-1 Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36-40"	S PS (U) 18-36"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U > 36"	S PS (U) < 36"	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U > 36" to ground water	S (PS) U > 36" to groundwater	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIA	IIB		
9. SITE CLASSIFICATION	Provisionally Suitable	Unsuitable		
10. SOIL SERIES	Cecil Like	Enon-Like		

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

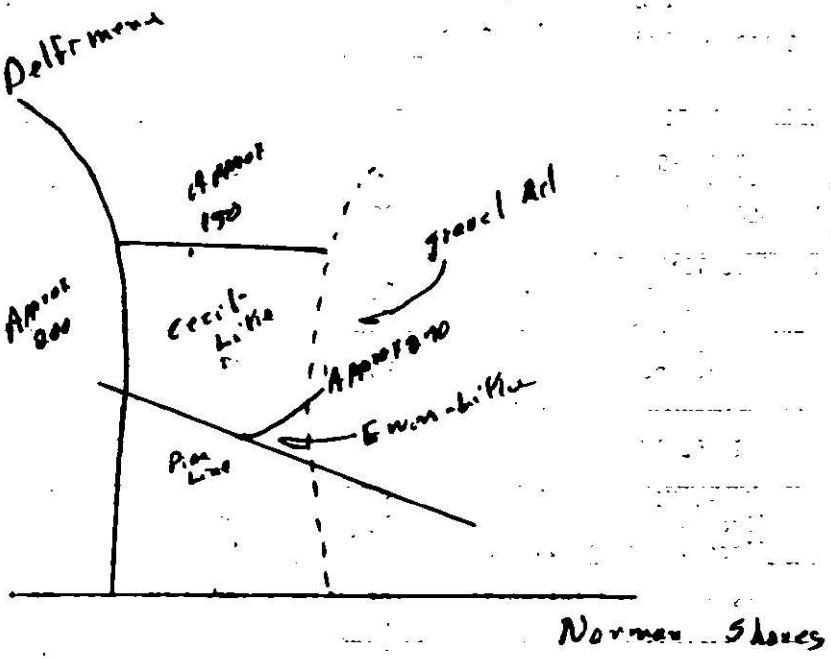
Recommendations/Comments: _____

Described by: William R. Marlin
Title: Soil Scientist

Date: 9-1-83

EHD 539 (Revised: 6/82)

4


Delfrmont
Approx 150
Approx 800
Cecil-like
Gravel Ad
Approx 90
Enon-like
Piney Line
Norman...Shores

Date Received 5-14-85

MECK COUNTY DEPARTMENT OF
RECEIVED
MAY 14 1985
ENVIRONMENTAL HEALTH

19986 ~~11986~~
SIR No. ~~[illegible]~~
T. C. No. PO 001-431-47
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Boyles, Jr. (LAST) William (FIRST) Frank (MIDDLE)

2) ADDRESS OF OWNER ICO Unit #102, Harborgate, Davidson, NC ZIP 28036

3) PHONE NO. Home _____ Office 568-7740

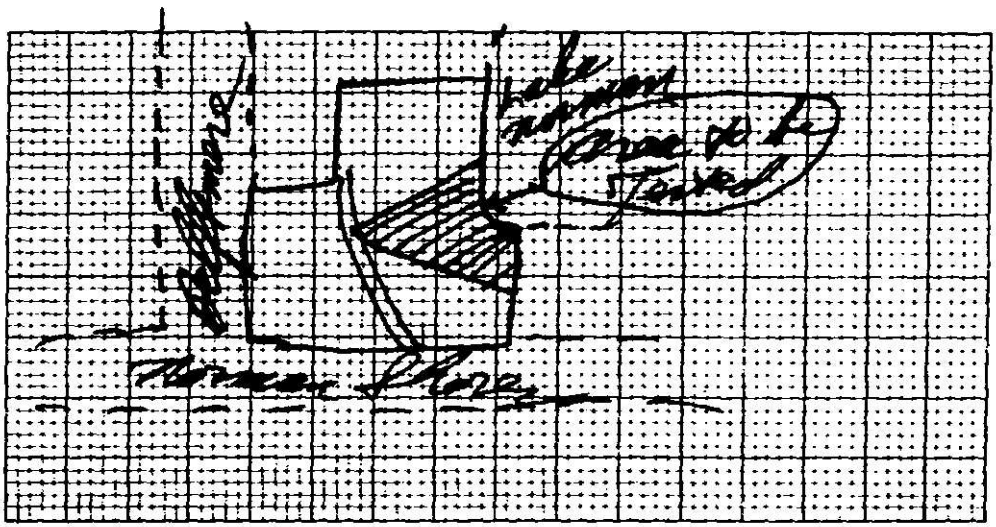
4) LOCATION OF PROPERTY Norman Shores Drive & Deltmere Drive
(STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

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

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge



7) ACCURATELY DIAGRAM & DIMENSION LOT

W. F. Boyles, Jr. by WCB
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 19986

DATE June 6, 1985

William F. Boyles, Jr.
c/o ICO unit #102
Harborgate
Davidson, NC 28036

Re: Property located at : Norman Shores

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 unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as **UNSUITABLE** may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as **PROVISIONALLY SUITABLE** upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19986

T.C. NO. CC CCL-431-47

(Ground Absorption Sewage Disposal)

OWNER: William F. Bayless, Jr.
ADDRESS: C/o Unit 102 Hedgegate Davidson, N.C. 28036
LOCATION OF SITE: Norman Haven

PLAT NO:
LOT SIZE: Approx. .53 A

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-12%	S PS U —	S PS U —	(S) PS U 2-10%
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS 2-1 Clay (U)	S PS U —	S PS U —	S (PS) Clay U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U —	S PS U —	S (PS) Blocky U
4. SOIL DEPTH (inches)	S PS < 36" Variable (U)	S PS U —	S PS U —	S PS See Note II (U)
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS Saprolite < 36" (U)	S PS U —	S PS U —	S PS U —
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S > 36" To (PS) Ground water U	S PS Depressed (U) Natural	S PS U —	S (PS) > 36" To Ground water U
7. OTHER (Specify)	S PS See Note I U	S PS U	S Pipeline PS A/W (U)	S PS Restricted (U) Area
8. SOIL GROUP	IV B	—	—	IV A
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	unsuitable
10. SOIL SERIES	Appling - Enon	Depression	Pipeline A/W	Porelot - Appling

S - Suitable PS - Provisionally Suitable U - Unsuitable

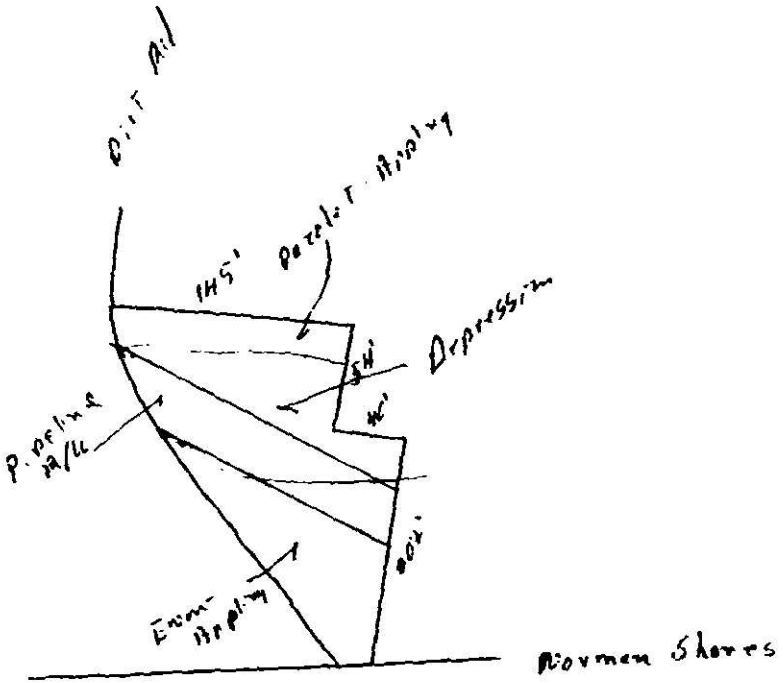
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: I Upper 24" in portions of the area is provisionally suitable - IV A Group II - Some areas < 36" in depth

Described by: William A. Martin
Title: Soil Scientist

Date: 6-5-85

28


Dist Air
IHS
Parallel Airway
Depression
SH
HC
Pipeline
Air/Lt
Exam
Airway
Coal
Movmen Shores

Date Received 8-29-85

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 29 1985
ENVIRONMENTAL HEALTH

SIR No. 19986
P.E. No. 001-431-47
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Boyles (LAST) William (FIRST) Frank (MIDDLE) Jr

2) ADDRESS OF OWNER Box 108 - Rte 1 Davidson, NC ZIP 28036

3) PHONE NO. Home 8920559 Office

4) LOCATION OF PROPERTY Norman Shores Dr + Delfmere SR 2193
(STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO. BLOCK NO.

MAP BOOK NO. 3109 2572 2646 PAGE NO. 126 129 142

6) DEED REFERENCE: DEED BOOK 3612 PAGE NO. 0977

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.

2 Soil Test



7) ACCURATELY DIAGRAM & DIMENSION LOT

Wm F Boyles Jr.
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY