Date Received 10/10/79

MECK COUNTY DEPARTMENT OF
RECEIVED
OCT 5 - 1979
ENVIRONMENTAL HEALTH

APT No. 16231
T C. No. 135-242-20
Map Date 5/16/79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Bob McLemore & Co.. (LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER P. O. Box 25746, Charlotte, N. C. ZIP 28212

3) PHONE NO Home ____ Office 545-9742

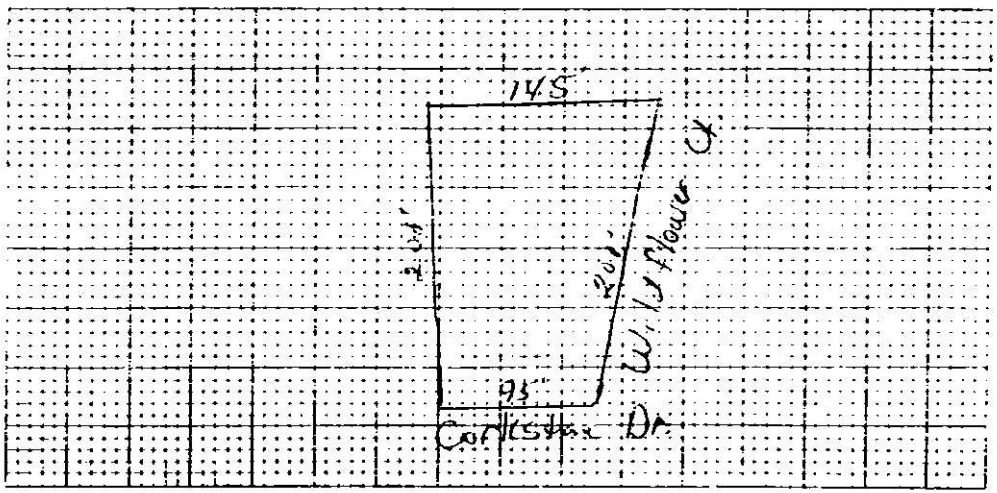
4) LOCATION OF PROPERTY 30-S Corkstone Dr. → Wildflower Ct. (STREET OR COUNTY ROAD)

5) SUBDIVISION Fairmwood LOT NO 30 BLOCK NO S

MAP BOOK NO 18 PAGE NO 9 & 10

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

Bob McLemore & Co. (sig)
OWNER

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 14231

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX II
SITE EVALUATION

T. C. # 135-242-20

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore & Co.
ADDRESS: P.O. Box 35746
COUNTY: Charlotte, N.C.
LOCATION OF SITE: Cornelius Rd.

DATE REQUESTED:
PLAT NO.: Lot 30-5
LOT SIZE: 24,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-12% U	(S) PS 2-8% U	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, note 2:1 Clay)	S (PS) clay U	S PS 2-1 clay (U)	S PS U	S PS U
3. SOIL STRUCTURE (12-36 in.) (Clayey Soils)	S (PS) Blocky U	S PS Massive (U)	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) 40" PS U	(S) 40" PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata Rock)	(S) None PS U	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & internal)	(S) To ground water PS U	S Perched water table PS (U)	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) Moderate U	S PS V. Slow (U)	S PS U	S PS U
8. OTHER (Specify)	S Inadequate Area (U)	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable	unsuitable		
SOIL SERIES	Cecil	Helena		

S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc

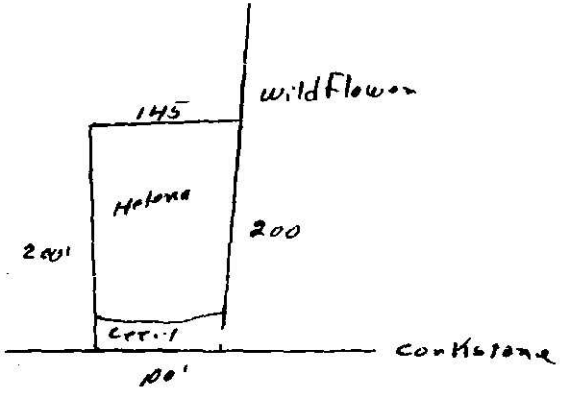
Recommendations/Comments:

Described By: William R. Marlin

Title: Soil Scientist Date: 10-30-79

DHS Form 2601
Sanitation
EHD 539 (3/79)

2


145
Wild Flower
Helena
200
200'
Cert. 1
Con Helena
100'

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

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. # 16231

T.C. # 135-242-20

DATE November 1, 1979

NAME OF OWNER The Bob McLemore Company

ADDRESS OF OWNER PO Box 25746, Charlotte, NC 28212

LOCATION OF LOT Corkstone Drive & Wildflower Ct., Lot 30, Block S

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank - soil absorption system, due to the following reason:

(AREA 2: Soil Structure Massive)

Inadequate area of suitable soils available for installation of ground absorption sewage disposal system in accordance with N.C. Department of Human Resources specifications.

John R. Adkisson

John R. Adkisson, Environmentalist

Date Received JUN 3 1983 — ENVIRONMENTAL HEALTH

SEE INSTRUCTIONS ON BACK

ICAR(S) Application No 16231

T C No 125-262-2

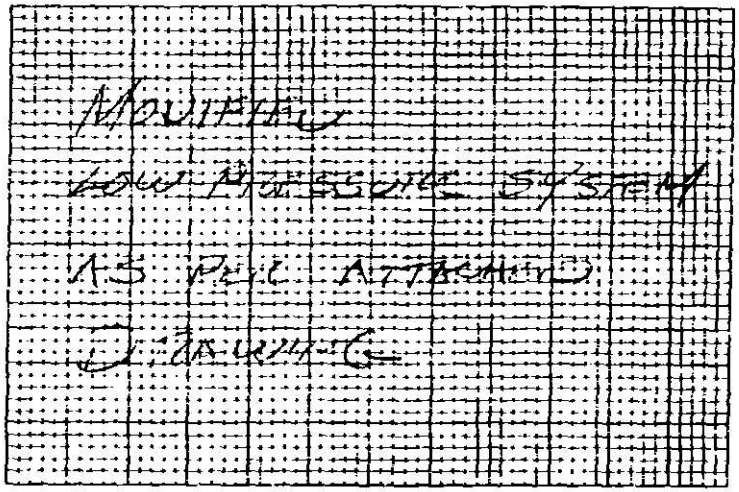
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) ✓ Install or Construct 2) ____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____Yes ____No
Residence ✓Yes ____No

4) No of Bedrooms 3

5) Business Use — Max No Employees ____

6) Washing Machine ✓Yes ____No

7) Garbage Disposal ____Yes ____No

8) Dishwasher ✓Yes ____No

9) Water Supply
A) Individual Well ____
B) Governmental System ____
C) Community System:
1 Well source ✓
2 Governmental source ____

10) Sewage System
House located within 200 feet of public sewer ____Yes ✓No
House located within 200 feet of community sewer ____Yes ✓No

11) FHA Case No. ____

12) VA Case No. ____

13) NAME OF OWNER Bob McLemore Co Inc.
LAST FIRST MIDDLE

14) ADDRESS OF OWNER PO Box 25746 Charlotte NC

15) PHONE NO Home ____ Office 545-6111

16) LOCATION OF SYSTEM ~~6700~~ 6700 ~~Stockholder~~ Ct & Cornerstone Drive
STREET OR COUNTY ROAD

17) SUBDIVISION Farmwood Lot No. 30 Block No. 5

Map Book No 13 Page No. 10

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ____ YES ____ NO DATE RUN ____

20) PTR NUMBER (See Instructions) 16231

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

6-2-83
DATE OF APPLICATION

Bob McLemore & Co. Inc
by Robert
OWNER

EHD-5-76

BOOK PAGE

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

4875 0488

SEPTIC TANK AGREEMENT 16231

The undersigned, Bob McLemore Co., owner of property located at LOT 30-5 6100 Carltonia Dr., ("the site") and described in instrument recorded in Book 3773 at Page 201, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A 1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

8:24 #5873 000
06/07/83
$5.00
CASH $5.00

This 7th day of JUNE, 1983.

Billy E. Coggins
ASST. SECRETARY

Bob McLemore Co.
by [signature] (Seal)
(Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 19__.

_____
Notary Public
My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF ~~MECKLENBURG~~ Union

I, Kristy McLemore, a Notary Public for said County and State, do hereby certify that Robert V. McLemore personally came before me this day and acknowledged that he is President of Bob McLemore & Co. and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Billy E. Coggins Asst. Secty.

WITNESS my hand and notarial seal, this 7th day of June, 19 83.

Kristy McLemore
Notary Public
My Commission Expires: December 8, 1987

REAL ESTATE
BOOK PAGE

4675 0489

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Kristy McLemore,

a Notary(ies) Public of Union County and State of North Carolina
is (are) certified to be correct. This 7 day of June 1983
Charles E. Crowder, Register of Deeds, By: DEPUTY

MECK COUNTY DEPARTMENT OF
RECEIVED
JUN 5 1983
ENVIRONMENTAL HEALTH

Mail to Dept of Environmental Health

Serial No. 6510

SIR No. 16231

Date Issued 6-7-83

T C No. 135-242-20

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Bob McLemore Co., Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P. O. Box 25746, Charlotte, NC ZIP 28212

LOCATION OF LOT 6100 Corkstone Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Farmwood LOT NO 30 BLOCK NO. S

MAP BOOK NO. PAGE NO.

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 16231. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altered, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

*** AGREEMENT CARD ON FILE ***

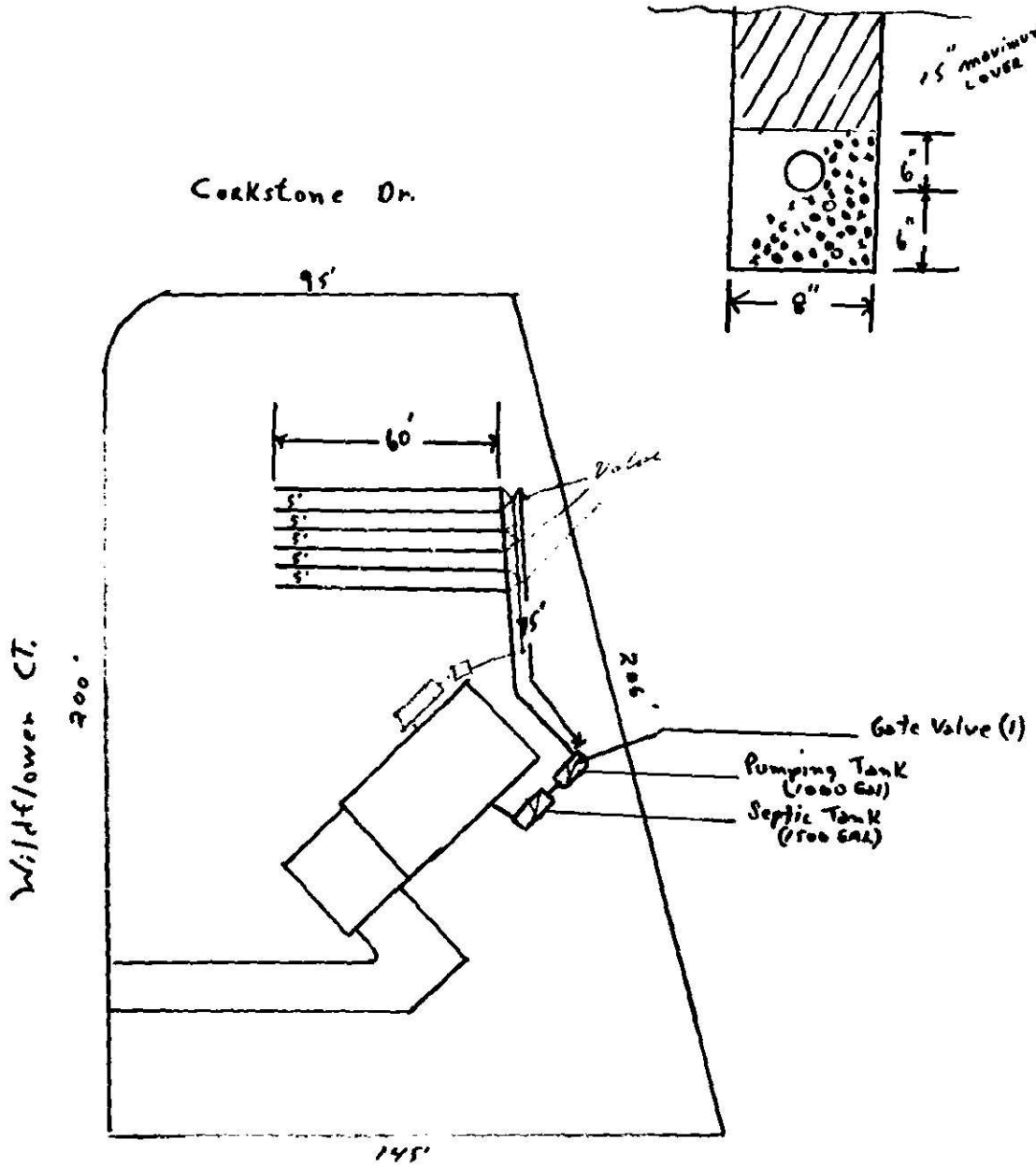
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

16231



PROPOSED ALP WASTE TREATMENT SYSTEM FOR

FARMWOOD LOT # 30-S

Address: 6100 Corkstone Drive #16231

Design specifications for LPP

Daily waste flow	360 gallons
Septic tank size	1500 gallons
Pumping tank size	1000 gallons
Effluent loading rate	0.2 gallons per day/ft^2
Absorption area	1800 ft^2
Total length of laterals	~~60 ft~~ 360'
Lateral diameter	1 1/4" (160 psi pipe)
Lateral configuration	6 x 60 ft line
Supply line length	75 feet
Supply line diameter	1 1/2" (160 psi pipe)
Manifold placement	side
Hole size	5/32"
Hole spacing	5 feet
Number of holes	72
Pressure head	2 feet
Flow per hole	.41 gpm
Total flow	29.5 gallons per minute
Elevation head	6 feet
Friction head	4.6 feet
Pressure head	2 feet
Total head	12.6 feet
Pump requirements	29.5 gpm against 12.6 feet of head
Storage volume in laterals	32.4 gallons
Storage volume in supply lines	9.4 gallons
Total storage volume	41.8 gallons
Dosing volume	171.4 gallons
Dosing depth	6 1/2"
Check valve needed?	No

SI 5-13-83

C of A (s) No. 16231

Date Issued 10 Aug 83 **Serial** 6063 T C No 135-542-PC

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Bob McLaurin & Co, Inc (LAST / FIRST / MIDDLE)

Location of Property 6100 Coddletown Lane

Application Number 16231 Permit Number 16231

Inspection Data:

Liquid Capacity of Tank 1500 + 1000 Tank Material PC

Total Length of Drain Tile 360' Number of ~~lines~~ laterals 6

Depth of Filter Material 12" Cover Depth 12"-15"

Water Supply Source Community Distance from Water Source —

Excavation Inspected 10 Aug 83 (DATE) Tank Inspected 10 Aug 83 (DATE)

Nitrification Field Inspected 10 Aug 83 (DATE)

Washing Machine Line Inspected, If Applicable — (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ~~_____~~ installed or constructed, ~~_____~~ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments This system is a Low Pressure Pipe system. Any change to the original plan is noted on the Plan

M. W. Lusby
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY