C of A (s) No. 21664

Date Issued 11-14-85 **Serial** 8054 T C. No. 231-031-01 PO

CCT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
OPERATION PERMIT

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

Name of Owner The Dowd Co. (LAST / FIRST / MIDDLE)

Location of Property 4501 Bakewell Court

Application Number — Permit Number —

Inspection Date:

Liquid Capacity of Tank 1500 + 1000 Tank Material PCC

Total Length of Drain Tile 400' + 200' Number of Lines 5 + 4

Depth of Filter Material 12" Cover Depth 20"

Water Supply Source Comm. Distance from Water Source —

Excavation Inspected 11-14-85 (DATE) Tank Inspected 11-14-85 (DATE)

Nitrification Field Inspected 11-14-85 (DATE)

Washing Machine Line Inspected If Applicable 11-14-85 (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 1985, 1500ST, 1000DT, PL, CCR, 1200SFB 12G, Tech. 600WL

B. R. Ferguson
Environmentalist

EHD-5-76

Environmental Health Department's Copy

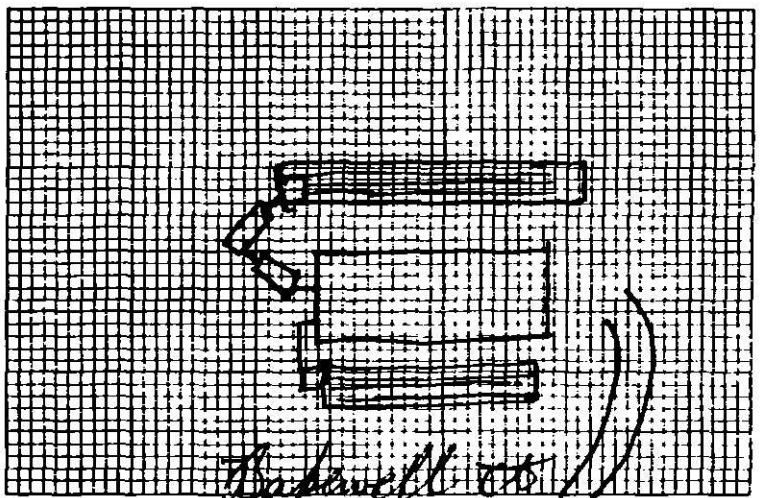
Date Issued 11-8-85

Serial No. 08661

ICAR(S) Permit No. 21664
T.C. No. 231-031-01
Map Date ✓

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 21664, dated 12-4-84 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 12-8-85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1500 + 1000

Tank Construction P.C.C.

Absorption and/or Nitrification Lines:

Total Line Length 400' + 200'

Number of Lines 5 + 4

Distance from House 5'

Distance from Property Line 10'

Distance from Well Comm.

NAME OF OWNER The Dowd Co.

LOCATION OF PROPERTY 4501 Bakewell Ct.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed 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.

Lbed 15' X 80' X 12" - septic system

Lbed 12 X 50 X 12 - wash drain

Comments:

Division or Section Head

B. R. Ferguson
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

SIR No. 21664

Serial No. 8816

Date Issued 8-15-85

T. C. No. PO 231-031-01

Map Date L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT

TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER The Dowd Company
LAST FIRST MIDDLE

ADDRESS OF OWNER P.O. Box 220333, Charlotte, NC ZIP 28222

LOCATION OF LOT 4501 Bakewell Court
STREET OR COUNTY ROAD

SUBDIVISION _____ LOT NO 16 BLOCK NO. 2

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 21664. 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

*** LIFT STATION WILL BE REQUIRED ***

B. R. Ferguson
Environmentalist

Bill D. Hartley
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department Copy

Date Received _____

SEE INSTRUCTIONS ON BACK
MECK C Y DEPARTMENT OF
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ENVIRONMENTAL HEALTH

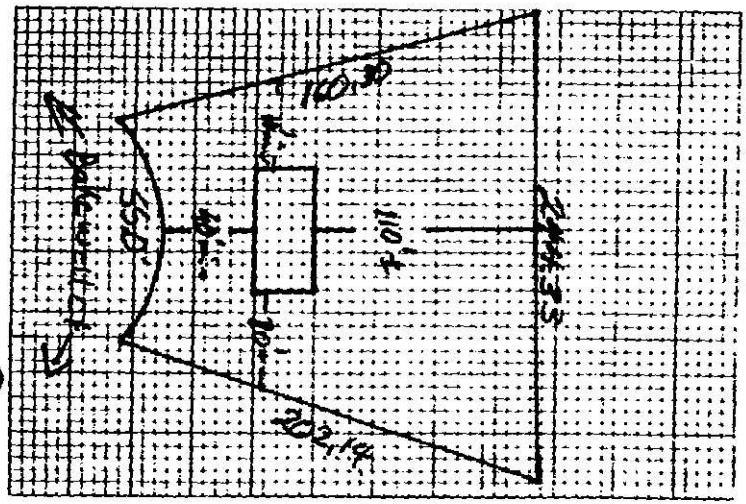
ICAR(S) Application No. 21664
T. C. 231-031-01
Map Date L

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) X 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 X Yes ___ No
4) No. of Bedrooms 3
5) Business Use - Max No Employees _____
6) Washing Machine X Yes ___ No
7) Garbage Disposal X Yes ___ No
8) Dishwasher X Yes ___ No
9) Water Supply
A) Individual Well _____
B) Governmental System _____
C) Community System
1 Well source 200
2 Governmental source _____
10) Sewage System
House located within 200 feet of public sewer ___ Yes X No
House located within 200 feet of community sewer ___ Yes X No
11) FHA Case No _____
12) VA Case No _____

13) NAME OF OWNER The Dowd Co. (LAST FIRST MIDDLE)
14) ADDRESS OF OWNER P.O. Box 220333 Clt. 28222
15) PHONE NO. Home 364-0943 Office _____
16) LOCATION OF SYSTEM 4501 Bakewell Ct. (STREET OR COUNTY ROAD)
17) SUBDIVISION South Hall Lot No 16 Block No. 2
Map Book No. 20 Page No 253
18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____
19) HAS A SOIL INVESTIGATION BEEN MADE? NO DATE RUN _____
20) PTR NUMBER (See Instructions) _____

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.

DATE OF APPLICATION 12/4/84

OWNER Ed Dowd

EHD-S-74

Department Copy

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21664

DATE 2-4-85

The Dowd Company
P.O. Box 220333
Charlotte, NC 28222

Re: Property located at 4501 Bake Well Court, T.C. #PO 231-031-01

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.
Environmental Health Supervisor

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21664

T.C. NO. 231-031-01

(Ground Absorption Sewage Disposal)

OWNER: THE DOWD COMPANY
ADDRESS: P.O. BOX 220333
CHARLOTTE 20222

PLAT NO:
LOT SIZE: 27,000

LOCATION OF SITE: [illegible] 4501 BAKEWELL CT.

Lot 16 Block 2

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S / PS 2-6 / U	S / PS 2-4 / U	S / PS / U	S / PS / U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S / PS Clayey / U	S / PS Clayey / U	S / PS / U	S / PS / U
3. SOIL STRUCTURE (12-36 inches)	S / PS BLOCKY / U	S / PS Blocky / U	S / PS / U	S / PS / U
4. SOIL DEPTH (inches)	S / PS 40-45" / U	S / PS 40-45 / U	S / PS / U	S / PS / U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S / PS NONE / U	S / PS None / U	S / PS / U	S / PS / U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S / PS Adequate / U	S PONDED AREA / PS 12"-15" Water Table / U Very Poorly Drained	S / PS / U	S / PS / U
7. OTHER (Specify)	S / PS INADAcate AREA / U	S Piled Dirt / PS / U	S / PS / U	S / PS / U
8. SOIL GROUP	IVa	IVa		
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		
10. SOIL SERIES	Cecil	Depression Area Inceptil [illegible]		

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)

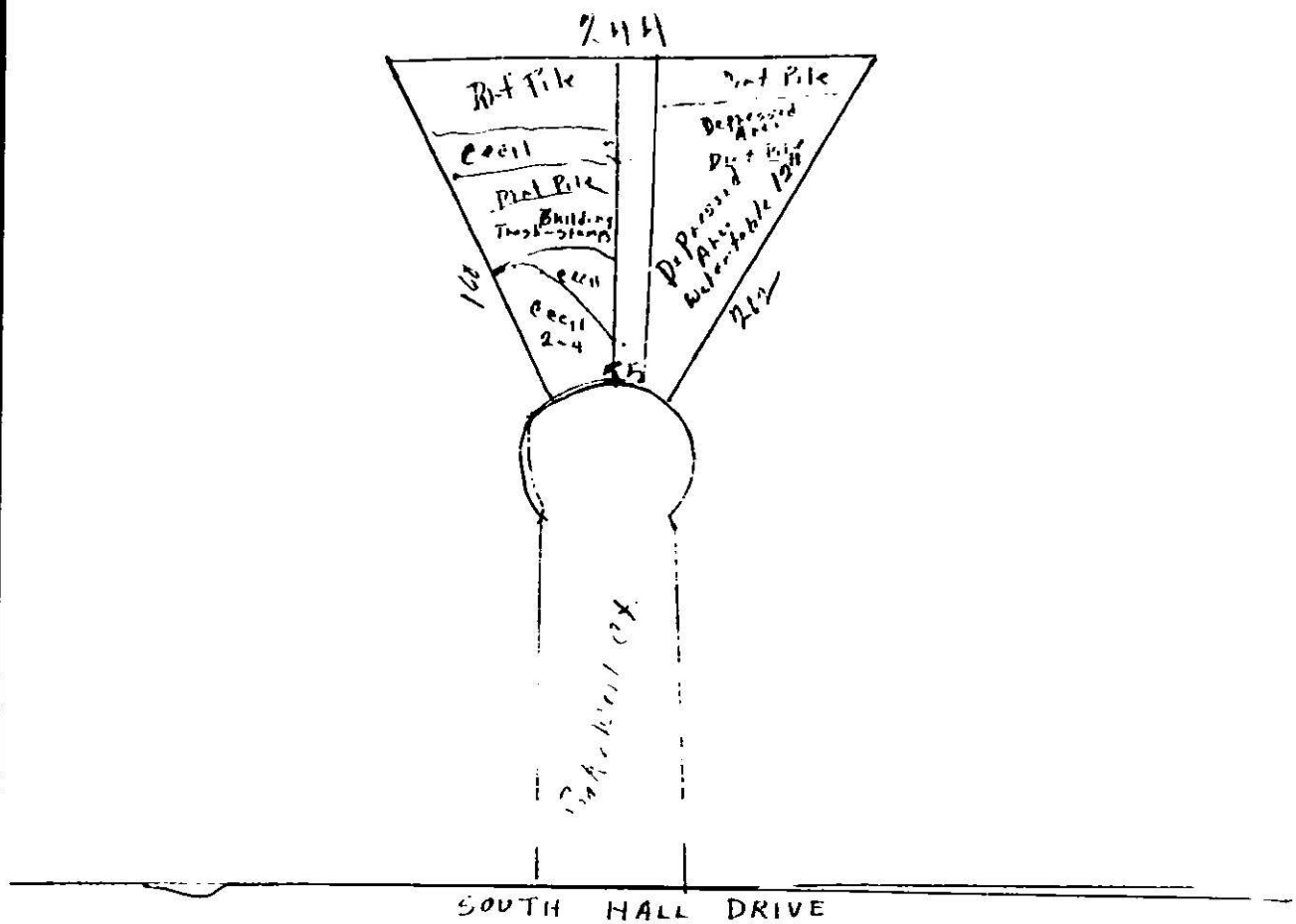
Recommendations/Comments:

Described by: William Ramsey
Title: SOIL SCIENTIST

Date: 1-30-85

2#

Lot 16 – Block II



Date Received _____

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ENVIRONMENTAL HEALTH

SIR No. 21664

T. C. No. 231 031 01

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER THE DOWD CO.
LAST FIRST MIDDLE

2) ADDRESS OF OWNER P.O.BOX 220333 CHARLOTTE ZIP 28222

3) PHONE NO. Home 4501 BAKE WELL CT. Office 364 0943

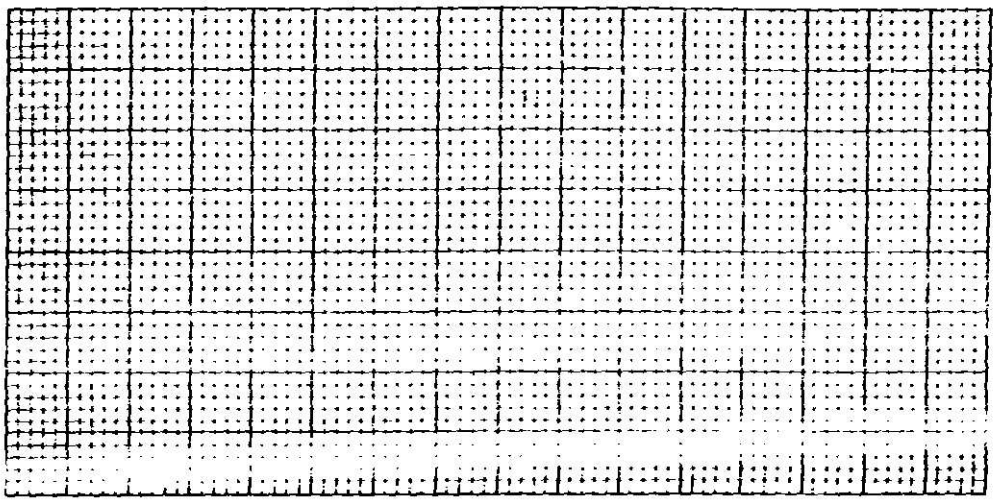
4) LOCATION OF PROPERTY 4501 bake well ct.
STREET OR COUNTY ROAD

5) SUBDIVISION SOUTH HALL LOT NO. 16 BLOCK NO. 2

MAP BOOK NO. 20 PAGE NO. 753

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

E A West [signature]
OWNER

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY

Department of Environmental Health

June 11, 1987

Mona Kelly, Vice President
The Dowd Company
6701 Fairview Road
Charlotte, NC 28210

Dear Ms. Kelly,

A visit was made to 4505 Bakewell Court (file 21665, lot 15) in the South Hall subdivision in response to the request for a soil investigation. The lot is located in a depressed position on the landscape and is subject to receiving surface runoff from the surrounding lots. In addition, one boring was found to show indications of a seasonal water table at approximately thirty-five inches deep.

The lot will remain classified unsuitable. As I mentioned during our telephone conversation on June 10, it might be possible to have Joel Cawthorne of the Division of Health Service evaluate the lot sometime during July. Please advise me if you would like to do this and I will attempt to make the arrangements. I would note that the lot corners must be clearly marked if you desire to have Mr. Cawthorne evaluate the property.

Please contact me if you have any questions.

Sincerely,

William W. Martin
Sanitarian

WWM jr

Important!

Gene:

Earle Taylor
Phone 366-2993
(w) 552-4053

Mr. Taylor has talked to you and Bill Marlin about this property on 4505 Bake Well Ct. He has heard two different ~~things~~ things from you two and does not know what to do.

Please call.

Kris

*Needs to get this done by October 15th

File 21645

EARL G. TAYLOR
6815 CASTLEGATE DRIVE
CHARLOTTE, NC 28226

December 27, 1990

Mecklenburg County Health Dept.
1200 Blythe Blvd.
Charlotte, NC 28202

Attention: Mr. Philo S. Walker

Dear Mr. Walker,

As you requested I have marked the lot boundary ~~lot~~ property located at 4505 Bakewell Court in addition to the home boundary.

You will find the home boundary fairly accurate. However, the lot boundary should be plus or minus 1'-6".

Should I need to do anything else to assist you in evaluating lot for residential use, please advise.

Sincerely,

Earl G. Taylor

Earl G. Taylor

EGT/[illegible]

cc: William R. Martin
Dave [illegible] (ERA Mathers & Associates)

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
[illegible] 1990
ENVIRONMENTAL HEALTH
DIVISION