MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

S.R. No. 19788

P.O. No. PO 199-331-12

DATE: 6-27-83

Design Builders, Incorporated
1001 Teca Cay Drive
Fort Mill, SC 29715

RE: Property located at: 15234 Elena Drive

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.

This classification is based on the utilized soil absorption field area having a high water table. Soil wetness is evidenced by the presence of mottling below 24 inches. Soil wetness is the result of a perched water table which is restrictive to the proper function of a septic tank system.

Should you wish to file for permission to install an alternate system, the plans, specifications and site evaluation will be reviewed and if it is found that the system has a reasonable chance to function satisfactorily, approval will be given upon the execution by you of a Septic Tank Agreement form provided by this office.

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

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH:ABJ

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19786

T.C. NO. PC 109-331-82

(Ground Absorption Sewage Disposal)

OWNER: Design Construction Inc.
ADDRESS: 101 Tega Cay Drive Fort Mill S.C.
PLAT NO: Lot 5
LOT SIZE: 30 ac
LOCATION OF SITE: 15234 Flora Dr.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 2-12% (PS) U	S Complex slopes PS U	S PS 2-12% U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) Clay U	S (PS) Clay 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) 36-40" U	S PS Depth to bedrock (U)	S PS — U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S >30" (PS) U	S ~ 36" to bedrock PS (U)	S PS — U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S >30" to ground water (PS) U	S Eroded drainage channel PS (U)	S Drainage way PS (U)	S PS U
7. OTHER (Specify)	S Restrictive Rock PS (U)	S PS U	S PS U	S PS U
8. SOIL GROUP	I or II	IV	IV	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Cecil/Pac	Complex slopes	Drainageway	

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: _____

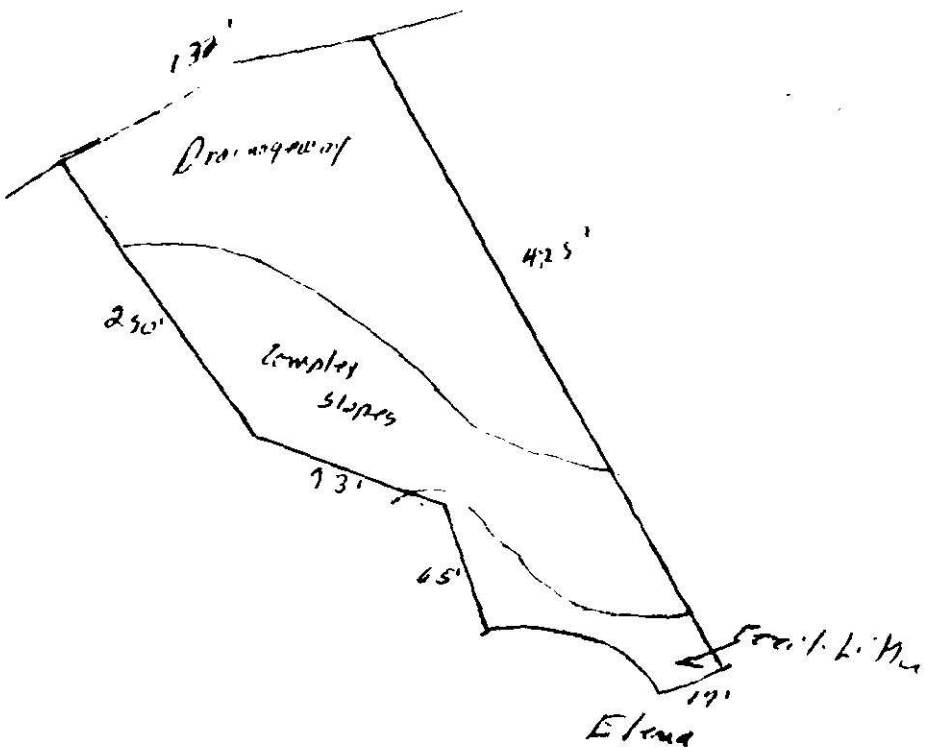
Described by: William L. Marlow
Title: Soil Scientist

Date: 6-21-83

EHD 539 (Revised: 6/82)

28

LAKE WILLIE


130'
Drainageway
425'
250'
Complex
slopes
130'
65'
Fault Line
190'
Elena

Date Received 9-16-83

RECEIVED
SEP 19 1983
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 19788

T. C. No. 19-331-12

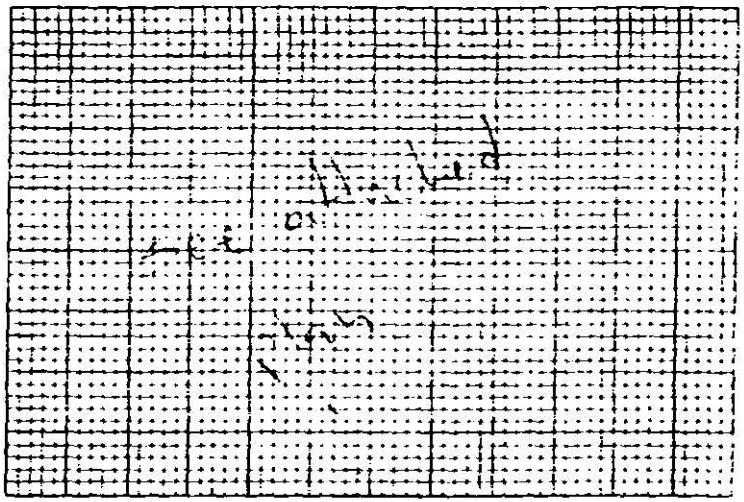
Map Date _____

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 4
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 [illegible] (LAST FIRST MIDDLE)

14) ADDRESS OF OWNER [illegible]

15) PHONE NO. Home [illegible] Office [illegible]

16) LOCATION OF SYSTEM 10234 ELENA DR MEK Co. (STREET OR COUNTY ROAD)

17) SUBDIVISION [illegible] Lot No. 33 Block No. _____

Map Book No. 6 Page No. 64

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ 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.

9/6/83
DATE OF APPLICATION

[signature]
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Packet - 10-27-83

SIR No. 19788

Serial No. 6889

Date Issued October 25, 1983

T. C. No. 199-331-12

Map Date L CLI

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 Marglow Ltd.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 1001 Tega Cay Drive, Fort Mill, S. C. ZIP 29715

LOCATION OF LOT 15234 Elena Drive
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO 33D BLOCK NO. _____

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 19788. 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.

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

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.

Environmental Health Department's Copy

Date Issued 10-11-84

Serial No. 07619

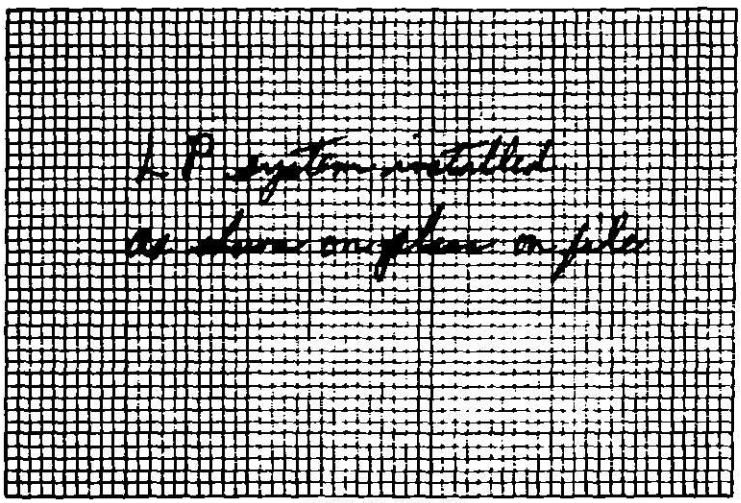
ICAR(S) Permit No. 19788

T. C. No. 199-331-12

Map Date L

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 19788, dated 9-6-83 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 11-11-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate FE A

Liquid Capacity of Tank 1500 + 1000

Tank Construction RCC

Absorption and/or Nitrification Lines:

Total Line Length 635'

Number of Lines 13

Distance from House 15'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Marglow Ltd

LOCATION OF PROPERTY 15234 Elisa Dr.

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.

Comments: _____

Division or Section Head

D. 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

Environmental Health Department's Copy

C of A (s) No. 19788

Date Issued 10-30 84 **Serial** 7056 T C. No 199-331-12 L CR1

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

OPERATION PERMIT
CERTIFICATE OF APPROVAL

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

Name of Owner Marglow Ltd. (LAST) (FIRST) (MIDDLE)

Location of Property 15234 Elena Dr.

Application Number —— Permit Number ——

Inspection Data:

Liquid Capacity of Tank 1500 + 1000 Tank Material FCC

Total Length of Drain Tile 635' Number of Lines 13

Depth of Filter Material 8" Cover Depth 6-12"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected ——— (DATE) Tank Inspected July, 1984 (DATE)

Nitrification Field Inspected ——— (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 System is LPP Design

Environmentalist

EHD-S-76