Date Received 3-13-84

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MAR
ENVIRONMENTAL

SIR No. 20770
T. C. No. 197-084-02

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Long (LAST) Marshall (FIRST) W. (MIDDLE)

2) ADDRESS OF OWNER 6814 Long Rd Charlotte NC ZIP 28212

3) PHONE NO. Home 545-6612 Office

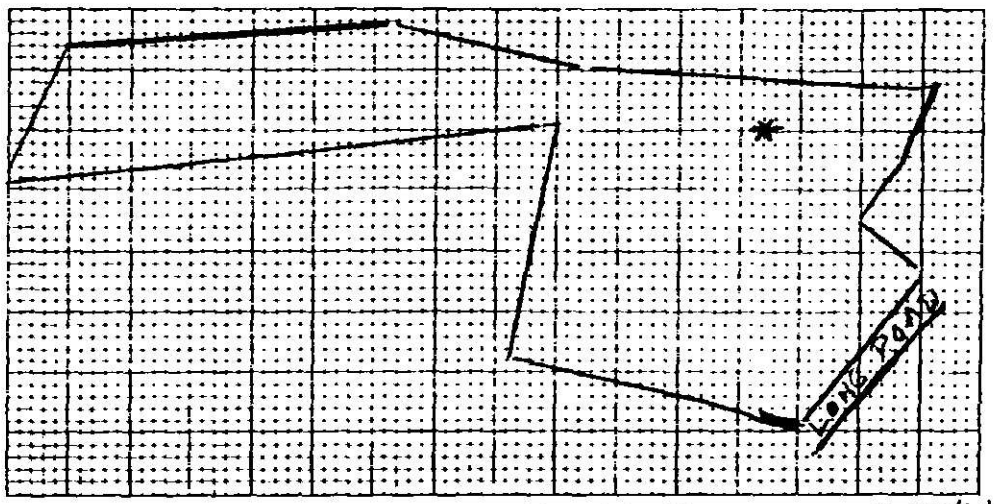
4) LOCATION OF PROPERTY Long Road (1st drive 6814) (STREET OR COUNTY ROAD)

5) SUBDIVISION — LOT NO — BLOCK NO. —

MAP BOOK NO 197 PAGE NO. 08

6) DEED REFERENCE DEED BOOK 3351 PAGE NO 587

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

* perk test

OWNER [redacted] Marshall L. Long

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20770

T.C. NO. P.O. 197-684-02

(Ground Absorption Sewage Disposal)

OWNER: Marshall Long
ADDRESS: 6714 Long Rd Charlotte 28212
LOCATION OF SITE: Long Rd

PLAT NO:
LOT SIZE: 2A

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 2-8	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) — Mix Clays	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) — Weak Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) — 35-40	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) — None	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) — Slow	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS (U) — Drainage Way	S PS U	S PS U	S PS U
8. SOIL GROUP	IV-L			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Helena			

S - Suitable PS - Provisionally Suitable U - Unsuitable

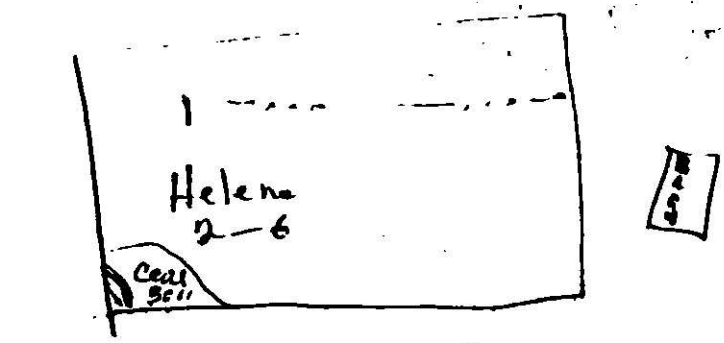
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Lamont
Title: Soil Scientist

Date: 4-3-84

EHD 539 (Revised: 6/82)





Long Rd

DIVISION OF ENVIRONMENTAL MANAGEMENT

WELL AND PUMP INSPECTION REPORT

Date 6/10/85

Well location Cornelius-Lake Norman (Town, Comm., Subdivision and Lot No.)

Area MRO

County Mecklenburg

Owner Mr. Lonnie Hales

Road/Street Weaver's Circle

Address

Quad No. 066f1

Serial No. ME 6476

Lat. 35 28 32 Long. 80 54 53

WELL CONSTRUCTION

Drilling Contractor McCall Bros., Inc. (Name) 6700 Belhaven Blvd., Charlotte (Address) 3 (Reg. #)

	Meets Min. Standards: Measure	Yes	No	Remarks
Permit				N/A domestic
Location				meas. 50 feet from septic system w/ assistance of Jim Ericsom ME Co. Environmental Health
Distance from Pollution source		X		
Other location standards		X		approx. 12' property line
Total Depth		X		250'
Casing				
Depth		X		34'
Diameter		X		6¼"
Weight/thickness		X		PVC
Height		X		1' above land surface
Drive shoe				N/A
Exception approved by owner				N/A
Grout:				
Type		X		cement grout @ land surface
Thickness		X		
Depth		X		
Screens				N/A
Development		X		?
I. D. Plate		X		
Abandonment (temporary/permanent)				Sub pump installed
Water level				
Well test		X		4 gpm machine
Chlorination		X		Well record HTH 1 lb
Cuttings				N/A
Reports		X		ME 6476
Water sample (appearance)	None			

Pump Installer: McCall Brothers, Inc.

Name | Address | Reg. #

	Measure	Meets Min. Standards Yes	No	Remarks
Enclosure				
Enclosure floor				
Casing height		X		
Access port		X		
Valved flow		X		
Water tight pipe entry		X		
Well entry		X		
Vent		X		
Hose bib		X		
Tee (jet)				N/A
Suction line				N/A
Chlorination		X		
Temporary Aband.				N/A

Date Well Constructed 6/3/85

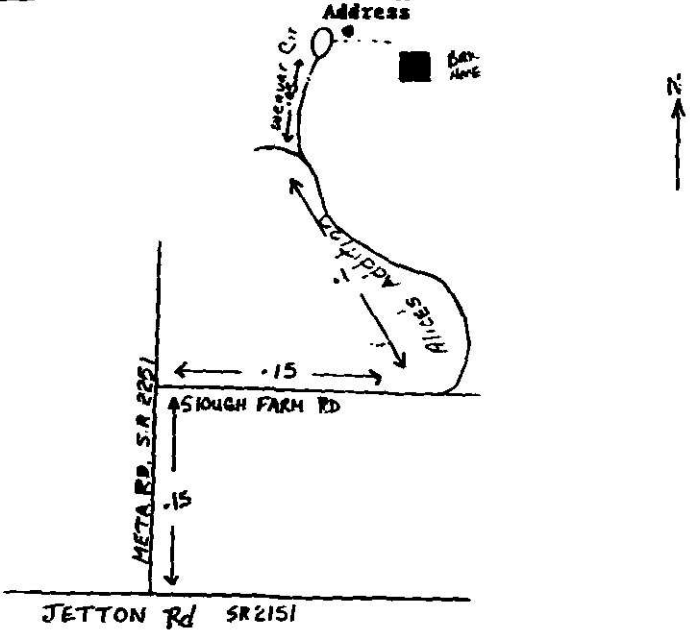
Date Pump Installed

Jesse W. Wells
Signature

Witness

Jim Ericson | Heck, County Environmental Health | Sanitarian
Name | Address | Type

Name | Address | Type



NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611, PHONE (919) 733-3883

FOR OFFICE USE ONLY
Quad. No. 066 F1 Serial No. ME6476
Lat. 35 28 32 Long. 80 54 53 Pc 1
Minor Basin
Basin Code 03 08 32
Header Ent. GW-1 Ent.

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR McCall Bros. Inc.
DRILLER REGISTRATION NUMBER 30
STATE WELL CONSTRUCTION PERMIT NUMBER:

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Carolina Lake Norman off Sattis Rd.
(Road, Community, or Subdivision and Lot No.)
County: Mecklenburg
2. OWNER Jonnie Hale
ADDRESS
(Street or Route No.) City or Town State Zip Code
3. DATE DRILLED 6-3-85 USE OF WELL Domestic
4. TOTAL DEPTH 250' CUTTINGS COLLECTED ☐ Yes ☒ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
6. STATIC WATER LEVEL: 30 FT. ☐ above ☒ below TOP OF CASING,
TOP OF CASING IS 1 FT. ABOVE LAND SURFACE.
7. YIELD (gpm): 4 METHOD OF TEST Blow
8. WATER ZONES (depth): 4gpm at 40'
9. CHLORINATION: Type HTH Amount 1 lb.

DRILLING LOG

Depth From	Depth To	Formation Description
0	12'	red clay
12'	34'	Saprolite
34'	250'	gran. granite

If additional space is needed use back of form.

10. CASING:

	Depth		Diameter	Wall Thickness or Weight/Ft.	Material
From	0	To 34 Ft.	6"	.188	PVC
From		To Ft.			
From		To Ft.			

11. GROUT:

	Depth		Material	Method
From	0	To 30 Ft.	Cement	pressured in
From		To Ft.		

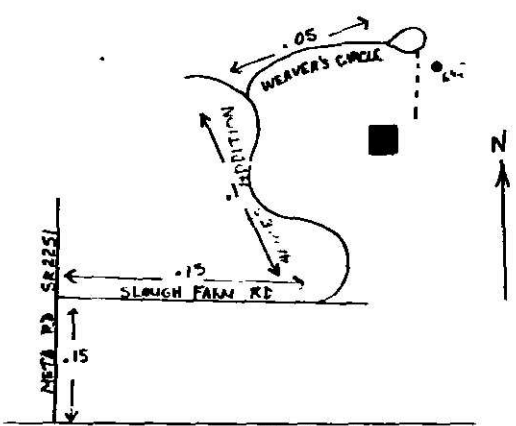
12. SCREEN:

	Depth		Diameter	Slot Size	Material
From		To Ft.	in.	in.	
From		To Ft.	in.	in.	
From		To Ft.	in.	in.	

13. GRAVEL PACK:

	Depth		Size	Material
From		To Ft.		
From		To Ft.		

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)



14. REMARKS: w/rep. 6/11/85 w Jim Ericson, MCHD - Distance Well to S.T. system 50 feet.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

McCall Brothers 6/6/85
SIGNATURE OF CONTRACTOR OR AGENT DATE

GW-1 Revised 11/84
Submit original to Division of Environmental Management and copy to well owner.