

16643 Ripplewater Ln. / PID 001-361-37, Now part of Iredell Co.

5/29/08

thomatc

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

CERTIFICATE OF COMPLETION/OPERATION PERMIT

LFK 02

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 6034 DATE: 8/31/95

TC: 001-361-37 ☐ L ☐ CRT

SERIAL № 16353

Name of Owner Martha Katterman Juris.:

Address of Property 16643 Ripplewater Lane

Inspection Data:

Tank Material PCC

Total Length of Drainfield 295'

Number of Lines 4 @ ~73'

Cover Depth 9-24"

Water Supply Source Well

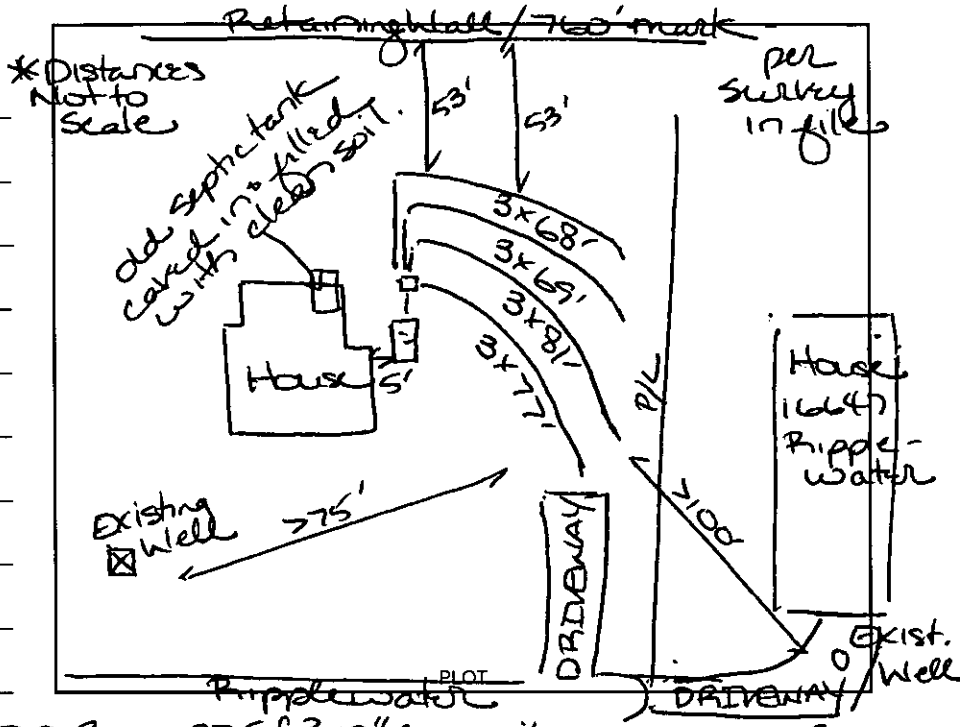
Distance to Water Source >75'

Excavation Inspected 8/31/95

Tank(s) Inspected 8/31/95

Wash Line Inspected NA

High Water Alarm Inspected NA



Design 1995 Repair, 1500gal ST, D-Box, ~875ft², 12" G, cecil-like CTR# 215

Tim Ammons

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☐ installed or constructed ☐ altered or repaired

☑ in accordance with the permit issued ☑ as detailed in the plot above

and meets the provisions of I5A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☑ Certificate of Completion ☐ Operation Permit

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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of I5A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document 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.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: 1995 Repair

OD<1985

Type II

Joan B. Mialik
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

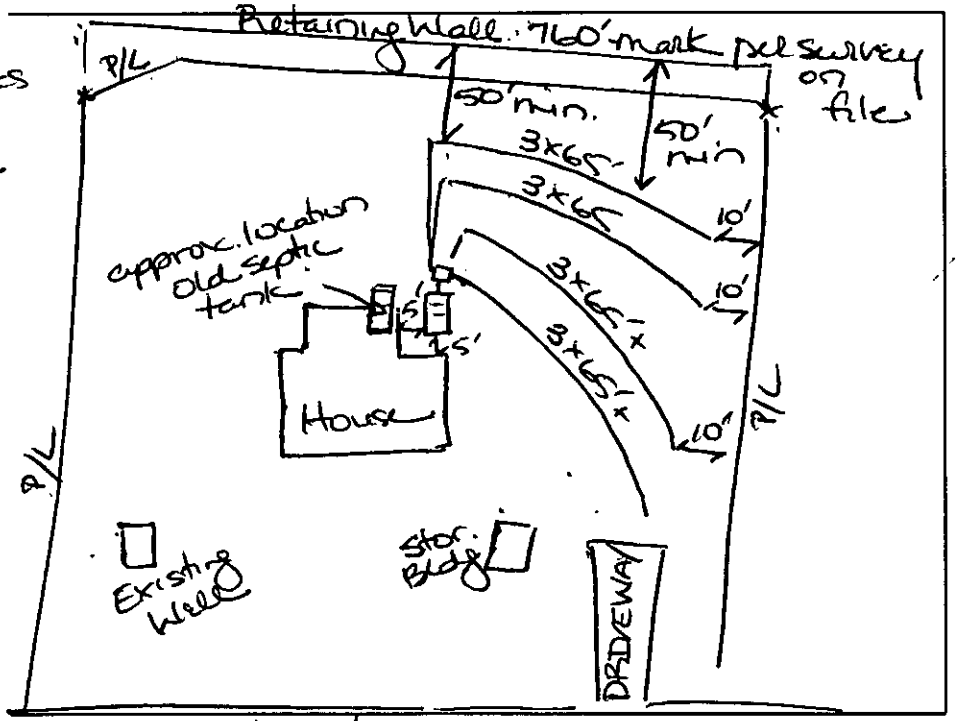
FILE: 6034 DATE: 8/29/95

TC: 001-36d-37 ☐ L

SERIAL № 16344

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 the application dated 7/27/95. All work shall be completed on or before 9/23/95, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. 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.

* Distances Not To Scale



Rippletwater PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank ____ gallons

Tank Construction PCC

Trench Depth 24" (36" max)

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous ✓

Total Line Length 260+ feet

Number of Lines 4@65'

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 50-min. feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Martha Hatterman

LOCATION OF PROPERTY 16643 Rippletwater Lane

Comments: ① Keep installation 50' minimum from 760' high water mark.

② After installation, old septic tank should be pumped + filled with clean soil or sand; recommend consulting Meck. Co. Bldg. Stds Dept.

③ Plumbing to new septic tank shall meet current N.C. Plumbing Stds - consult Meck. Co. Bldg Stds. Dept.

Lisa B. Mialik
Environmental Health Specialist

④ If any portion of old drainfield trench is disturbed, replace gravel/pipe + pack soil back in.

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

SERVICE REQUEST/WORK ORDER

Oct 6 1995 completed

Log No.: File 6034 Section: IINWS Hazard? [ ] Yes [ ] No

Date: 6/12/95 Parcel: 001-361-37 <60 Days? [ ] Yes [ ] No

REQUESTING PERSON: Martha Katterman Phone (704) 274-5255

Address 36 Beaverbrook Rd City Asheville NC Zip 28804

PROPERTY CONCERNED: Facility Name 664-9876

Address 16643 Ripplewater Lane City _____ Zip 662

SERVICE REQUESTED: S.E.P.T.I.C. MALFUNCTION

ASSIGNED TO: L. Malik TAKEN BY: L. Malik

DATE	ACTIVITY REPORT
6/12/95	Rec. phone call from Mrs. Katterman, stated that after ST contractor pumped tank, advised her that she needed to replace terracotta piping in drainfield. Plan to schedule OSR, repair application; plot plan (for lot dimensions) to be mailed to Mrs. Katterman 6/13/95.
6/19/95	OSR. No one present. Per crawlspace (porch) view through vent missing vent, observed pool of water & effluent(?). Raining heavy unable to do further investigation.
6/29/95	PC to Mrs Katterman. NC. LM. - delay in my OSR plan to schedule early part of 6/26 week. JBR
7/6/95	OSR. No one present. Per crawlspace inspection, septic tank appears to be under porch portion of crawlspace (house plumb. enters ground near house/porch division) unable to probe drainfield ground too hard; no effluent observed on site JBR
7/10/95	Tax records indicate: 001-361-37 owners - David W. Katterman - wife Martha D Lot 458, 1968

NOTIFICATION TO REQUESTING PERSON: ( ) Written ( ) Verbal ( ) Not Applicable

COMPLETED BY: Lora B. Malik RS, 8/31/95

REVIEWED BY: /Bateman for S Daniel, Program Chief, 9-8-95

SERVICE REQUEST/WORK ORDER

File 6034

Date: 6/12/95

Log No.: 6034

T.C. 001-361-37

DATE	ACTIVITY REPORT
7/7/95	PC to Mr. Katterman @ 2:01 pm. NC. No answer. jbn
7/12/95	PC to Mrs. Katterman @ 11:40 am. NC. Left mess w/ sec. jbn
7/18/95	PC w/ Mrs. Katterman @ 10:42 am; Mrs. Katterman aware septic tank under porch foundation - acknowledged septic tank contractors recommendation to replace tank. Requested that she have Duke Power mark high water line + that property lines/corners must be located - then notify me for OSV, meeting w/ her + septic tank contractor/OS. (2 bedroom house) jbn
7/25/95	Received voice mail mess. from Martha Katterman @ 12:58
	Rec. voicemail mess. from B. Wilkens - who surveyed lot previously @ 1:06
7/25/95	PC to Mr. Wilkens. NC. LM. jbn
7/26/95	VM mess. from Mrs. Katterman.
7/26/95 9:50	PC w/ Mrs. Katterman. Will mail copy of survey today/tomorrow that includes high water line; will also mail completed application w/ survey. jbn
~~8/2/95~~	
7/31/95	Survey + applications received.
8/2/95	Tax records indicate: 001-361-37 16643 Ripplewater Ln L458 Owner: David W. Katterman & w/ - Martha D. 16643 Ripplewater Ln. Mooresville NC 28115 ~~L458~~
8/2/95	OSV. w/ Survey map.
	OSV @ 16647 Ripplewater: (Prop. to ® of 16643) No one home. Left note requesting that the Tallents contact me regard. well loc.
8/4/95	Rec. VM mess. from John Tallent their well in driveway under manhole.
8/10/95	PC w/ Mrs. Tallent
8/11/95	Soil work by B. Martin
8/17/95 12:40	PC w/ Mrs. Katterman. Stated per her PC w/ B. Martin -

SERVICE REQUEST/WORK ORDER

Date: 6/12/95 Log No.: 6034

T.C. 001-361-37

DATE	ACTIVITY REPORT
	modified would take less space. Will try to
	coordinate OSV w/ ST contractor T. Ammons
	8/18 pm to 8/23 when the Hatfelmans will be @ Lake.
8/21/95	PC to Mr. Ammons ST contractor @ 663-7631. NC. LM fbr
10:20	
8/22/95	" " " " " " " " " Arb.
11:21	machine off fbr
8/22/95	PC to Mrs. Hatfelmans @ 664-9876. NC. LM fbr
11:25	
8/23/95	PC w/ Mr Tim Ammons. Scheduled appt. for 11:30 am today
	PC to Mrs. Hatfelmans @ 664-9876. NC. LM on machine fbr
8/23/95	Repair approved issued
8/31/95	Final.

Received 7/31/95 for INWS

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

6034

11 Repair U

☐ CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: Kattermann (last) Martha (first) D. (mi)

ADDRESS: 36 Beaverbrook Rd PHONE: 704 252-9502

CITY: Asheville STATE: NC ZIPCODE: 28804

Date: 7-28-95

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 001-361-37 for

STREET ADDRESS: 16643 Ripplewater Ln for

ZONING: _____

PROPERTY OWNER:

NAME: Kattermann (last) Martha D. & David W. (first) (mi)

ADDRESS: Same 16643 Ripplewater Ln. PHONE: (__) _____

CITY: Mooresville, STATE: NC ZIPCODE:

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
☒ 0 Mecklenburg County ☐ 2 Davidson ☐ 4 Pineville ☐ 6 Huntersville
☐ 1 Charlotte ☐ 3 Cornelius ☐ 5 Matthews ☐ 7 Mint Hill

LOT NUMBER: 458 LOT SIZE (in acres): .7 ac

TYPE APPLICATION (check one):

☐ SOIL TEST - INDIVIDUAL LOT (D)
☐ NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
☐ COMMERCIAL OR INDUSTRIAL (M)
☐ SOIL TEST DEVELOPMENT (P)
☐ ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
☐ MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
☒ REPAIR TO SYSTEM (R) - move install new TANK SEPTIC TANK

RESIDENTIAL PROPERTY (Type Building, check one):

☐ SINGLE MOBILE HOME (S) ☒ HOUSE (H) ☐ MULTIPLE FAMILY (U)
☐ DOUBLE WIDE (D) ☐ MODULAR HOME (M) ☐ OTHER _____ (O)

NUMBER BEDROOMS: 2 NUMBER OCCUPANTS: 2

SYSTEM CLASSIFICATION: Septic TANK

COMMERCIAL/INDUSTRIAL PROPERTY:

Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):

☐ Community (C) ☐ Shared Well (S)
☐ Municipal (M) ☐ Other 'spring' (O)
☒ Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):

☐ Swimming Pool ☐ Jacuzzi ☐ Stable/Barn ☐ Workshop ☒ None
☐ Garage ☐ Storage Building ☐ Deck/Patio ☐ Bedrooms ☐ Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: David W. Kattermann Date: JULY 27 1995

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...8/23/95 Repair Approval issued for

8/31/95 Final

REPAIR
☒ IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
☐ ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Lisa B. Mialik 8/23/95
Environmentalist Date

_____
Director or Authorized Section Head Date

WATER : 12/94

Received 7/31/95 from INWS

1704-382-8356 - They Do not send out letters -

Dukes Power - 40' easement - 760 ± 10' Contact @ Dale Mary Catherine Glenn

Area of lot 4: 1.1 ac ± Markers are in place - Plat "Map-

LOT SUBJECT TO MECKLENBURG COUNTY ZONING ORDINANCE FOR LOTS ZONED R-3, AND TO RESTRICTIVE COVENANTS OF RECORD IN MECKLENBURG COUNTY REGISTRY IN DEED BOOK 4313 AT PAGE 859.

SETBACKS AS SHOWN.

NORTH
P.B. 17 PG. 610

CRESCENT LAND & TIMBER CORPORATION LAKE NORMAN RECREATION LOTS SECTION 6

JAMES W. CLAY and wife, MARY F. CLAY
D.B. 5213 PG. 970

RIGHT OF WAY

RIPPLEWATER LANE
60' PUBLIC RIGHT-OF-WAY

S 03° 05' 30" W 153.72'

P

S 79° 42' 50" E 181.02'

30'

10'

N 09° 29' 50" E 99.41'

BRICK WELL HOUSE

LOT 458

1 STORY FRAME DWELLING

50' SETBACK FROM 760' CONTOUR

SPLIT RAIL FENCE

UG PWR

SOIL DRIVEWAY

FRAME OUTBUILDING

C1

L7

L2

N 79° 13' 00" W 194.70'

10'

RIGHT OF WAY

JOHN B. TALLENT, Jr. and wife, CORINNA H. TALLENT
D.B. 3960 PG. 971

RETAINING WALL OF MASONARY CONSTRUCTION

DIRT PILE

L3

L4

RETAINING WALL OF MASONARY CONSTRUCTION

S 07° 43' 05" W 118.56'

S 06° 52' 55" W 87.97'

L6

L5

760' CONTOUR LINE FOLLOWS RETAINING WALL. LAKE ELEVATION ON DAY OF SURVEY WAS 756.1'

N 14° 07' 20" E 88.07'

RETAINING WALL OF WOODEN CONSTRUCTION

+ 10' easement

LAKE NORMAN

PIER # 896

Curve	Radius	Chord Bearing and Distance		Arc Length
C1	50.00'	N 31° 09' 35" E	36.54'	37.41'

Line	Bearing	Distance
L1	S 09° 25' 00" E	31.15'
L2	N 37° 27' 00" W	18.63'
L3	S 79° 53' 30" E	22.54'
L4	S 06° 44' 30" W	60.28'
L5	N 81° 02' 10" W	0.53'
L6	N 79° 09' 10" W	15.14'
L7	N 79° 31' 50" E	45.30'

① 28375.2 S.F. 0.65 Ac.

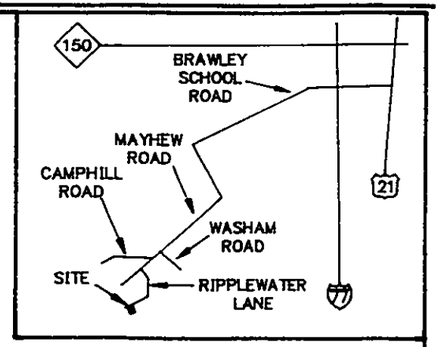
② 2287.4 S.F. 0.05 Ac.

Total Area PARCELS 1 & 2
30662.6 S.F.
0.70 Ac.

LOT 458
WILLIAM W. JOHNSON and wife, EDNA M. JOHNSON; DONALD E. DOWDLE and wife, LINDA J. DOWDLE
D.B. 4313 PG. 859
D.B. 7468 PG. 451

LEGEND
⊙ = EXISTING IRON
O = 5/8" REBAR SET
X = SURVEY POINT – NO IRON SET
● = UTILITY POLE

50 25 0 50 100
SCALE OF DRAWING IS 1 INCH = 50 FEET



VICINITY MAP –NTS–

NOTE

THE SURVEY WHICH RESULTED IN THIS PLAT USED ONLY THE RECORD INFORMATION NOTED HEREON AND MAKES NO CERTIFICATION AS TO TITLE OR OWNERSHIP OF ANY OF THE PARCELS SHOWN HEREON.

I, Robert J. Wilkins, certify that this plat was drawn by me from an actual field survey made under my direct supervision; that the boundaries shown are from the record information noted hereon; that the actual ratio of precision exceeds 1:10,000; and that this plat represents an existing parcel of land. Witness my original signature, seal, and registration number this the 9th day of January, 1995.

L-3393

NORTH CAROLINA REGISTERED SEAL L-3393 LAND SURVEYOR ROBERT J. WILKINS

Survey for:
DAVID W. KATTERMAN, SR. and MARTHA KATTERMAN
16643 RIPPLEWATER LANE
LEMLEY TOWNSHIP
MECKLENBURG COUNTY, NORTH CAROLINA

WILKINS & Associates
Land Surveying Consultants
POST OFFICE BOX 665 755 NORTH MAIN STREET
MOORESVILLE, NC 28115 TEL. (704) 663-5566

PROJECT # 940250
DATE: 2 JANUARY 95
fb: 94-27 psd: katerman dwg: katerman

Lisa - Mail
Meck Health
I.W.W.S.
700 N. Tryon St.
Suite 210
Chas 28202

Please send
Application
by Mail

Thank you.

17 Nov 22

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028658

File: 6034 Action 2

Parcel: 001-361-37 ☐ PC

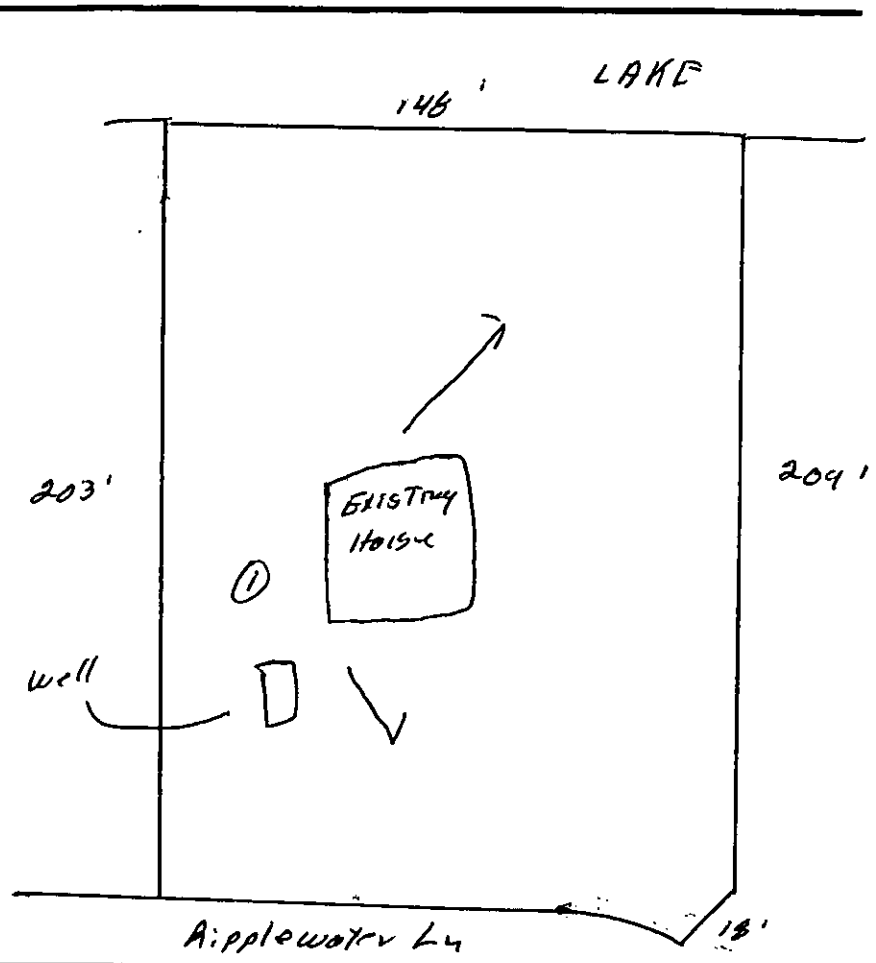
Location: ~~001-361-37~~ 16643 Ripplewater Lane
Subdivision:

Lot: 458 Block: Acres: .65

Owner: Martha & David Patterman
Address: 16643 Ripplewater Lane
Mooresville, N.C. 28115

Comments: .3 gal/ft/day LTAR

Described by: William A. Marks
Date: 8-21-95



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 6-10%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U slightly Exp. clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	(S) PS U soil wetness >48" To	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	(S) PS U 48"+	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U >48"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS (U) Restricted	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV Cecil-1.Ho					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028658

File: 6034 Action 2

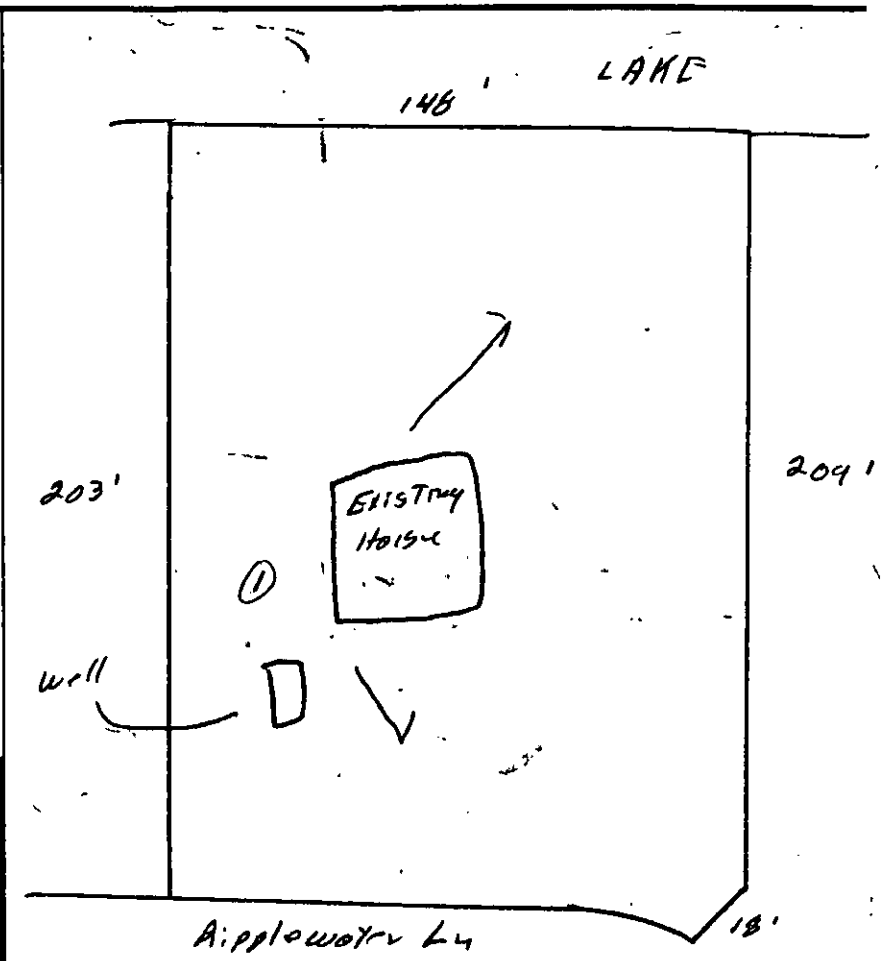
Parcel: 001-361-37 ☐ PC

Location: ~~001-361-37~~ 16643 Ripplewater Lane
Subdivision:
Lot: 458 Block: Acres: .65

Owner: Marthea & David Matterman
Address: 16643 Ripplewater Lane
Mooresville, N.C. 28115

Comments: 3 gal/ft²/day LTAR

Described by: William A. Mast
Date: 8-21-95



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FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 6-10%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture slightly Exp. clay	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage >48" To	(S) PS U soil wetness	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	(S) PS U 48"+	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U 48"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space 8/23/95	S PS (U) Restrictive	S PS U adequate	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	(S) PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV Tac-1-1.40					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U