


2133 MCMANUS RD

1/11/2008

duponbj

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

~~Signature on Septic~~

~~Permit + P.I.P.~~

(2) Apply for + obtain
well Permit

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 72013 WASPS App #: 2442

Primary ES assigned to project: DC

Secondary ES assigned to project:

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐

I. File Review:

| Rule or Law | | | | |
|---|---|---|---|---|
| | **Permit Application** | | | |
| 1937(d) | Is the Application complete | Yes ☑ | No ☐ | N/A ☐ |
| 1937(d) | Is there a Site plan/Plat with application | Yes ☑ | No ☐ | N/A ☐ |
| 1937(d) | Is the Facility shown? | Yes ☑ | No ☐ | N/A ☐ |
| 1937(d) | Are appurtenances shown | Yes ☑ | No ☐ | N/A ☐ |
| | **Site Evaluation Information** | | | |
| 1939 (a)(1) | Topography and Landscape Position Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1940 (a-g) | Slope % Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1939 (a)(2) | Texture Class Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1939 (a)(2) | Structure type Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1939 (a)(2) | Consistence Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1939 (a)(2) | Mineralogy Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1939 (a)(3) | Soil Wetness Condition Recorded? | Yes ☐ | No ☐ | N/A ☑ |
| 1939 (a)(4) | Soil Depth to Rock or Parent Material Recorded When Encountered | Yes ☐ | No ☐ | N/A ☑ |
| 1939 (a)(5) | Depth to Restrictive Horizons Recorded When Encountered? | Yes ☐ | No ☐ | N/A ☑ |
| 1939 (a)(6) | Sufficient Available Space Recorded? | Yes ☑ | No ☐ | N/A ☐ |
| 1937(m) | Are the Profile Locations Shown? | | | |
| 1939(a) | Are the S/PS Profiles in system & in repair area? | Yes ☑ | No ☐ | N/A ☐ |
| & 1945(b) | Number of auger borings made: 7 Were sufficient auger borings made? | Yes ☐ | No ☐ | N/A ☐ |
| 1939(d), 1955, 1956, 1957 | LTAR .3 | Yes ☐ | No ☐ | N/A ☐ |
| | **Improvement Permit/Construction Authorization** | | | |
| 1937(g) 130A-336(a) | Proposed System Type stated-Initial | Yes ☑ | No ☐ | N/A ☐ |
| 1945(b) | Proposed System Type stated-Repair | Yes ☑ | No ☐ | N/A ☐ |
| 130A-336 (a)(3) | System location identifiable by setbacks - initial | Yes ☑ | No ☐ | N/A ☐ |
| 1937(g) 1945(b) | System components shown – Initial | Yes ☑ | No ☐ | N/A ☐ |
| 1945(b) | Repair area shown | Yes ☑ | No ☐ | N/A ☐ |
| 1937 (f)(g) | Does System design match facility, flow & WWcharacteristics? | Yes ☑ | No ☐ | N/A ☐ |
| 1937 (f)(g) | Is System design consistent with soil/site conditions? | Yes ☑ | No ☐ | N/A ☐ |
| 1937 (f)(g) | Is the System located in the approved area? | Yes ☑ | No ☐ | N/A ☐ |
| 130A-336(a) | Is the Design flow (gpd) indicated? | Yes ☑ | No ☐ | N/A ☐ |

| | | | | |
|---|---|---|---|---|
| 130A-33[illegible](a) | Number of Bedrooms, employees, seats, etc. indicated? | Yes ☑ | No ☐ | N/A ☐ |
| 1937(g) | Trench depth indicated? | Yes ☑ | No ☐ | N/A ☐ |
| 1937(g) | Trench width indicated? | Yes ☑ | No ☐ | N/A ☐ |
| 1937(g) | Trench length indicated? | Yes ☑ | No ☐ | N/A ☐ |
| 130A-336(a)(1) | Proposed/existing well shown? | Yes ☑ | No ☐ | N/A ☐ |
| 130A-336(a)(1) | Property line lengths shown? | Yes ☑ | No ☐ | N/A ☐ |
| 130A-336(a) | Facility/appurtenance setbacks shown from fixed points? | Yes ☑ | No ☐ | N/A ☐ |
| | Operation Permit | | | |
| 1937(i) | System type as described in table V(a) of rule .1961 | Yes ☐ | No ☐ | N/A ☐ |
| 1937(i) | Conditions for system performance, operation, maintenance, monitoring and reporting. | Yes ☐ | No ☐ | N/A ☐ |

H. WASPS Review:

| | | | |
|---|---|---|---|
| Construction authorization issued | Yes ☐ | No ☐ | N/A ☐ |
| Installation approval issued | Yes ☐ | No ☐ | N/A ☐ |
| Operation permit issued | Yes ☐ | No ☐ | N/A ☐ |
| Other related documentation | Yes ☐ | No ☐ | N/A ☐ |

Comments: # Items requiring correction/modification: _____

_____

_____

_____

_____

_____

IA issued date: _____

OP issued date: _____

Review performed by: IR Date performed: 8-7-07

FILE NUMBER: 7201B

Revised On: January 3, 2007

APPLICATION NUMBER: 2442

SEPTIC FEE: 200.00
DATE: 7/2/07 cash JRA

**MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES**
**APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL**

WELL FEE: _____
DATE: _____

**1. SEPTIC / TYPE APPLICATION:** ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

**2. WELL / TYPE APPLICATION:** ☐ NONE ☒ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

**3. JOB LOCATION INFORMATION:**

**TAX PARCEL NUMBER:** 13923114PO
**STREET ADDRESS:** ~~2133~~ McManus Road
**CITY:** Midland
**STATE:** NC **ZIP:** 28107
**SUBDIVISION NAME:**
**LOT #:** **LOT SIZE (acres):** 2
**TOWNSHIP:**
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☒ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

**4. BUILDING INFORMATION:**

**BUILDING TYPE:**
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE ☐ OTHER _____
**HEATED SQUARE FOOTAGE:** 2700-3,000
**NUMBER OF BEDROOMS:** 3
**NUMBER OF OCCUPANTS:** 3
**FOUNDATION TYPE:**
☐ CONCRETE SLAB ☒ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

**5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

**6. WATER SUPPLY:** ☐ MUNICIPAL ☐ PUBLIC WELL ☒ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

**7. PROPOSED USE OF WELL:** ☒ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

**8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*

**8A. RANK:** ☒ ANY TYPE ☒ CONVENTIONAL 1 ☐ ACCEPTED 2 ☐ INNOVATIVE 3 ☐ ALTERNATIVE 4 ☐ OTHER _____ 5

**9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

| | | | | | |
|---|---|---|---|---|---|
| BURIED CABLES, LANDFILLS, STUMPHOLES | ☐ YES | ☒ NO | GRADING/SOIL REMOVAL PERFORMED | ☐ YES | ☒ NO |
| EXISTING WASTEWATER SYSTEMS | ☐ YES | ☒ NO | JURISDICTIONAL WETLANDS | ☐ YES | ☒ NO |
| WELLS, SPRINGS, OR WATER LINES | ☐ YES | ☒ NO | APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY | ☐ YES | ☒ NO |
| EASEMENTS OR RIGHT-OF-WAYS | ☒ YES | ☐ NO | WASTEWATER OTHER THAN DOMESTIC SEWAGE | ☐ YES | ☒ NO |

**10. PROPERTY OWNER:**

NAME: Michael R. McAteer + Miriam P.
ADDRESS: 2133 McManus Rd.
CITY: Midland
STATE: NC ZIP: 28107
HOME PHONE: 7045458604 WORK PHONE: n/a
MOBILE PHONE: 7044018032 FAX:

**11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

**12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** before 1979
**13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 8 weeks.

**14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:**

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Miriam P. McAteer 7-2-07
Property Owner's or Owner's Legal Representative Signature Date

**15. WELL PERMIT APPLICATION SIGNATURE SECTION:**

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

_____
Property Owner's or Owner's Legal Representative Signature Date

☒ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

# PROPOSED PLOT PLAN

1"=50'

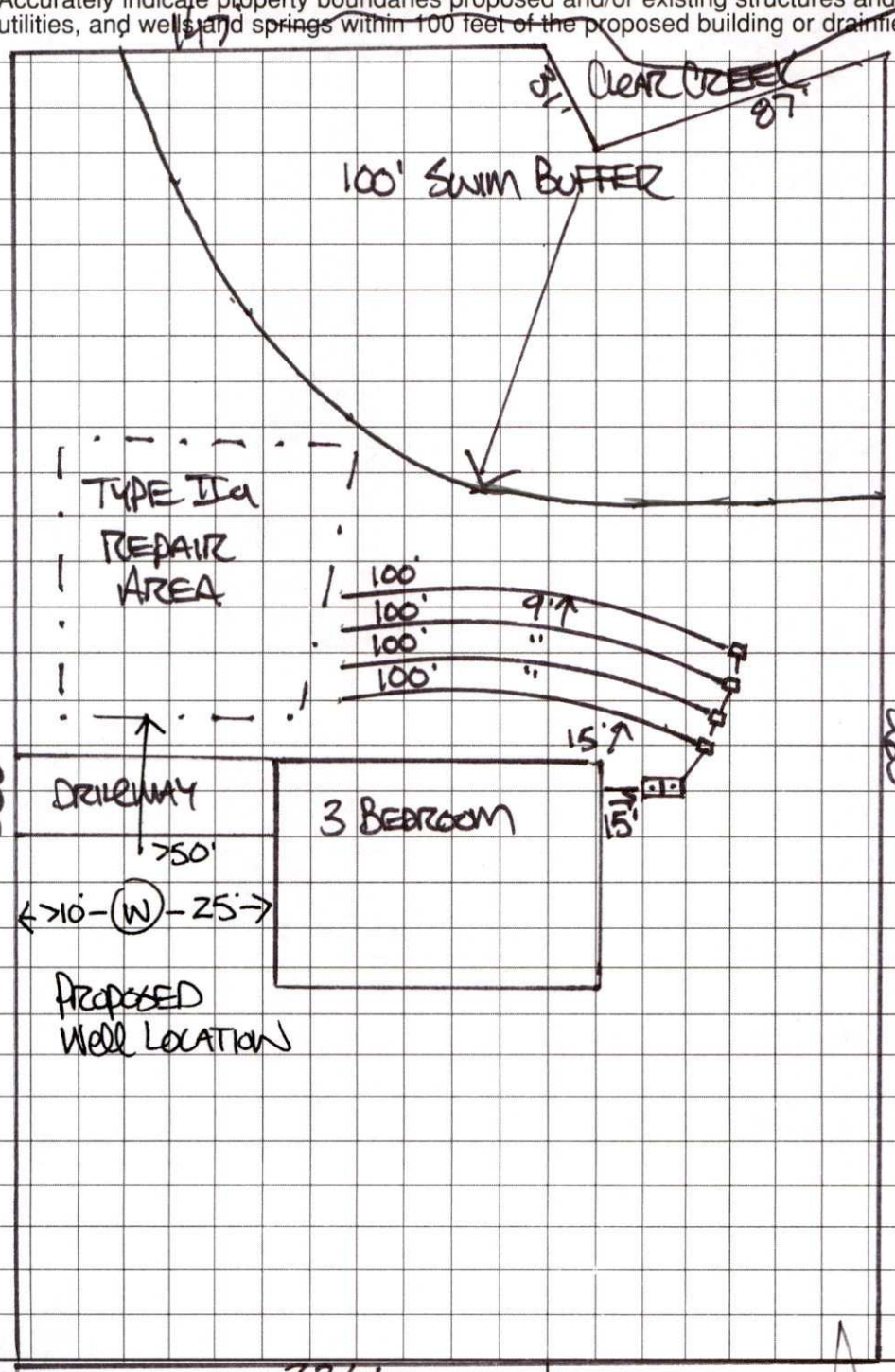
1N

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 7201B

TC: PO 139-231-14

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.




- SEPTIC SYSTEM DESIGN FOR A 3 BEDROOM HOUSE
- LTAR = 0.3
- 360 GAL/DAY MAX
- TYPE IIa, CONVENTIONAL
- INSTALL 4 LINES @ 100' EACH.
- PLACE LINES LEVEL ON CONTOUR & ON 9" CENTERS
- 12" GRAVEL
- 1500 GAL ST
- DROP BOX DISTRIBUTION.

SETBACKS:
>15' FROM HOUSE (BASEMENT)
>10' FROM PROPERTY LINE
>100' FROM CREEK.

OWNER/AGENT SIGNATURE Paul Myers

DATE 9/4/07

APPROVAL DATE 8/13/07

RS

White - Health Department's Copy  Canary - E.H.S. Copy  Pink - Owner's Copy

file # 7201B




LOCATION MAP–NOT TO SCALE

Peter L. Goebel
4586 / 17
8 Acres

Peter L. Goebel
4586 / 17
8.8 Acres

Max H. Williams
13493 / 735
49 Acres

Dale C. Surrett
5922 / 495
3.0 Acres

Paul F. Strachon
9090 / 409
5.6 Acres

Charles B. Lewis
5019 / 792
5.2 Acres

3.3 Acres +/-

Proposed
2.0 Acres

House

Drive

Existing House

Proposed 15' Exclusive Easement

McManus Road

60' R/W

764.50'

316.50'

436.39'

445.48'

365.89'

236.50'

366.14'

147.40'

87.48'

31.27'

15.0'

104.97'

60.0'

R/W Limits

100' Swim Buffer

60' Setback Line

Approx. 100 Year Flood Line

Clear Creek

the 15' strips of land are owned by each individual property owner as a flag simple strip of land, also known as a flag lot. These are not easements. There is 1 common drive shared by all.

NOTE:
THIS PLAT IS OF A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

Proposed 2 Acre Lot without Road Frontage
5.3 Acres

Michael R. McAleer and wife Miriam P. McAleer
2133 McManus Road
Clear Creek Township
Mecklenburg County, N.C.

Tax Parcel: 135-231-14
Scale: 1" = 100.00'

Drawing No. 173-07
Deed Book: 5155 / 936
Map Book:
Date: March 14, 2007

Scale: 1" = 60'

Map Prepared By:
Ben M. Flowe and Son
Land Surveying and Mapping Services
Ben M. Flowe, R.L.S., P.L.S.
Gregory S. Flowe, R.L.S.
1316 Pratt Road
Charlotte, N.C. 28227
Phone: (704)545-3060

NORTH CAROLINA PROFESSIONAL SEAL L-3600 LAND SURVEYOR GREGORY S. FLOWE
3/14/07

NOTE:
ALL CORNERS ARE I.P.IN(F) UNLESS OTHERWISE NOTED.

NOTE:
ALL DISTANCES ARE HORIZONAL DISTANCES UNLESS OTHERWISE NOTED.

NOTE:
AREA BY COORDINATE COMPUTATION.

NOTE:
PROPERTY SUBJECT TO ANY VALID & ENFORCEABLE EASEMENTS, RESTRICTIONS & RIGHTS OF WAY OF RECORD

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 139-231-14
Lot #:
File #: 7201B
AppID: 2442

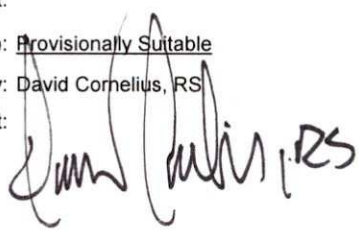
# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Michael & Miriam McAleer — Applicant:
Address: 2133 McManus Road, Midland, N. C. 28107 — Date Evaluated: 7/16/07
Proposed Facility: Residence — Design Flow (.1949): 360gpd — Property Size: Approx. 1.0a inv.
Location of Site: McManus Road — Property Recorded:
Water Supply: [ ] Public [ x ] Individual [ x ] Well [ ] Spring [ ] Other
Evaluation Method: [ x ] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [ x ] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 .1941 Structure/ Texture | .1941 Consistence Mineralogy | b PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS, 10 | 0-5 | GR/SICL | FR/SEXP/SS/SP | >45" TO SOIL WETNESS | 45 | N/A | NONE | PS, IV |
| | | 5-27 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | .3GPD/FT$^2$ |
| | | 27-45 | SBK/SICL | FR/SEXP/SS/SP | | | | | |
| 2 | " | 0-5 | GR/SICL | " | >44" TO SOIL WETNESS | 44 | " | " | " |
| | | 5-32 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | |
| | | 32-44 | SBK/SICL | FR/SEXP/SS/SP | | | | | |
| 3 | " | 0-14 | GR/SICL | " | >30" TO SOIL WETNESS | 30 | " | " | US, IV |
| | | 14-30 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | .275GPD/FT$^2$ |
| 4 | LS, 12 | 0-6 | GR/SICL | FR/SEXP/SS/SP | >43" TO SOIL WETNESS | 43 | " | " | PS, IV |
| | | 6-43 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | .3GPD/FT$^2$ |
| 5 | " | 0-8 | GR/SICL | FR/SEXP/SS/SP | >32" TO SOIL WENESS | 32 | " | " | US, IV |
| | | 8-32 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | .275GPD/FT$^2$ |
| 6 | LS, 10 | 0-7 | GR/SICL | FR/SEXP/SS/SP | >44" TO SOIL WETNESS | 44 | " | " | PS, IV |
| | | 7-24 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | .3GPD/FT$^2$ |
| | | 24-44 | SBK/SICL | FR/SEXP/SS/SP | | | | | |
| 7 | LS, 8 | 0-9 | GR/SICL | " | >41" TO SOIL WETNESS | 41 | " | " | " |
| | | 9-41 | SBK/ABK/SIC | FI/SEXP/S/P | | | | | |
| | | | | | SITE LTAR .3GPD/FT$^2$ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | II | II |
| Site LTAR | O.3 | 0.3 |

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 7/17/2007,
Others Present:
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: David Cornelius, RS
Others Present:

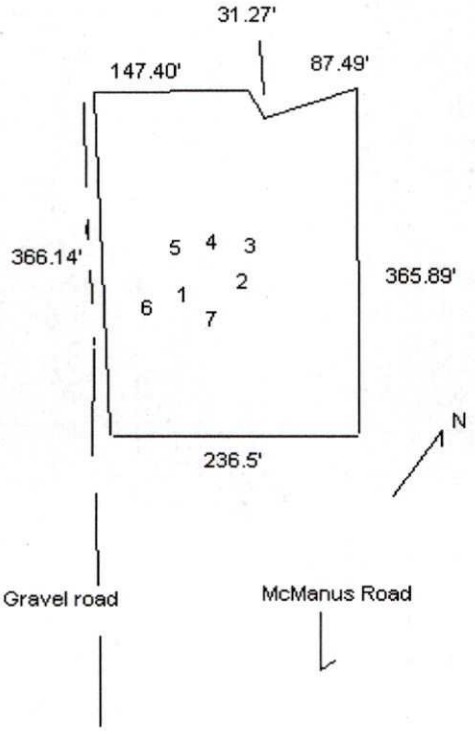


**COMMENTS:**
100% repair

| Landscape Position | Group | Texture | .1955 LTAR | Structure |
|---|---|---|---|---|
| R-Ridge | I | S-Sand | 1.2 - 0.8 | SG-Single Grain |
| SS-Shoulder Slope | | LS-Loamy Sand | | M-Massive |
| LS-Linear Slope | | | | CR-Crumb |
| FS-Foot Slope | II | SL-Sandy Loam | 0.8 - 0.6 | GR-Granular |
| NS-Nose Slope | | L-Loam | | SBK-Subangular Blocky |
| HS-Head Slope | | | | ABK-Angular Blocky |
| CC-Concave Slope | III | SI-Silt | 0.6 - 0.3 | PL-Platy |
| CV-Convex Slope | | SICL-Silty Clay Loam | | PR-Prismatic |
| T-Terrace | | | | |
| FP-Flood Plain | | CL-Clay Loam | | |
| | | SCL-Sandy Clay Loam | | |
| | IV | SC-Sandy Clay | 0.4 - 0.1 | |
| | | SIC-Silty Clay | | |
| | | C-Clay | | |

| Consistence Moist | Consistence Wet | Mineralogy |
|---|---|---|
| VFR-Very Friable | NS-Non-Sticky | SEXP-Slightly Expansive |
| FR-Friable | SS-Slightly Sticky | EXP-Expansive |
| FI-Firm | S-Sticky | |
| VFI-Very Firm | VS-Very Sticky | |
| EFI-Extremely Firm | NP-Non-Plastic | |
| | SP-Slightly Plastic | |
| | P-Plastic | |
| | VP-Very Plastic | |

**Sketch of Soil Evaluation Locations**



Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 139-231-14
Lot #:
File #: 7201B
AppID: 2442

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Evaluation Method: [ x ] Auger Boring [ ] Pit [ ] Cut
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|---|---|---|---|---|---|---|---|---|---|
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| | | | | | SITE LTAR .3GPD/FT$^2$ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |
| Site LTAR | | |

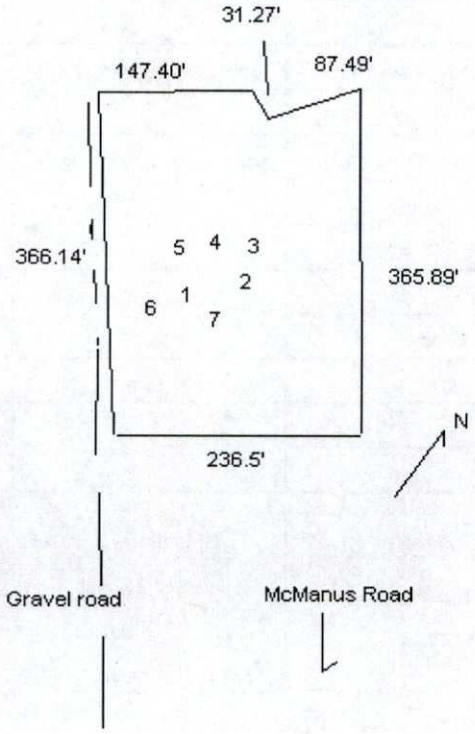
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 7/17/2007, W. R. Marlin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

**COMMENTS:**
100% repair

| Landscape Position | Group | Texture | .1955 LTAR | Structure |
|---|---|---|---|---|
| R-Ridge | I | S-Sand | 1.2 - 0.8 | SG-Single Grain |
| SS-Shoulder Slope | | LS-Loamy Sand | | M-Massive |
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| T-Terrace | | | | |
| FP-Flood Plain | | CL-Clay Loam | | |
| | | SCL-Sandy Clay Loam | | |
| | IV | SC-Sandy Clay | 0.4 - 0.1 | |
| | | SIC-Silty Clay | | |
| | | C-Clay | | |

| Consistence Moist | Consistence Wet | Mineralogy |
|---|---|---|
| VFR-Very Friable | NS-Non-Sticky | SEXP-Slightly Expansive |
| FR-Friable | SS-Slightly Sticky | EXP-Expansive |
| FI-Firm | S-Sticky | |
| VFI-Very Firm | VS-Very Sticky | |
| EFI-Extremely Firm | NP-Non-Plastic | |
| | SP-Slightly Plastic | |
| | P-Plastic | |
| | VP-Very Plastic | |

**Sketch of Soil Evaluation Locations**



Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

# IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002442** GWS File #: **7201B** Tax Parcel #: **139-231-14**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

**I. This Improvement Permit Shall:** Expire in Five (5) Years **Expiration Date (If Applicable):** 8/3/2012

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size ($ft^2$): 2700 # Bedrooms: 3 # Occupants: 3

Building Foundation: Basement With Plumbing Water Supply: Private Well

**II. Initial System Type:** Conventional **System Classification:** IIa

Initial System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 360 | LTAR ($gpd/ft^2$): | 0.3 | Septic Tank Size (gal): | 1500 | Pump Tank Size (gal): | N/A |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 1200 | Total Trench Length (ft): | 400 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 12 | Distribution Device: | Drop Boxes | | |

**III. Repair System Type:** Conventional **System Classification:** IIa

Repair System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 360 | LTAR ($gpd/ft^2$): | 0.3 | Septic Tank Size (gal): | 1500 | Pump Tank Size (gal): | N/A |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 1200 | Total Trench Length (ft): | 400 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 12 | Distribution Device: | Drop Boxes | | |

**IV. Permit Conditions/Comments:**

*(Please See the Following Page for Permit Conditions.)*

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: David Cornelius

Signature: _____

Date Issued: 8/3/2007

Owner/Legal Agent: Paige Yandle
Print Name

Signature: Paige M-Yandle

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
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## IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002442** GWS File #: **7201B**

**IV. Permit Conditions/Comments:**

- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

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DENR Authorized Agent: David Cornelius

Signature: _____

Date Issued: 8/3/2007

Owner/Legal Agent: Paige Yandle
Print Name

Signature: Paige Yandle