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**MECKLENBURG COUNTY**
**GROUNDWATER & WASTEWATER SERVICES**

4440

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

1. **SEPTIC / TYPE APPLICATION:** ☐ N/A ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☐ N/A ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:**

PO

TAX PARCEL NUMBER: 217-151-43 + 217-361-06
STREET ADDRESS: Cutross Lane
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME:
LOT #: 9 LOT SIZE (acres): 0.614
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: 12,800
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 10
FOUNDATION TYPE:
☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC 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 ☑ PRIVATE WELL ☑ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. **PROPOSED USE OF WELL:** ☐ N/A ☐ IRRIGATION ☑ POTABLE (DRINKING WATER) ☐ OTHER _____

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

☐ N/A ☑ ANY TYPE ☐ CONVENTIONAL ☑ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** ____ ____ ____ ____ ____

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 (SEPTIC) 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 |
| CHEMICAL/PETROLEUM STORAGE TANKS | ☐ YES | ☑ NO | KNOWN UNDERGROUND CONTAMINATION | ☐ YES | ☑ NO |
| WASTE STORAGE | ☐ YES | ☑ NO | GROUNDWATER USE RESTRICTIONS/VARIANCES | ☐ YES | ☑ NO |

10. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** New 1007 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** _____ ☑ N/A

12. **PROPERTY OWNER:**

NAME: W.I. Banks Investment Partners, LLC
ADDRESS: 5520 Sharon View Rd
CITY: Char
STATE: NC ZIP: 28226
HOME PHONE:
WORK PHONE:
MOBILE PHONE: 622-7071
FAX:

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

NAME: Tonez Jacobs, LSS
ADDRESS: 160 Broadbill Dr
CITY: Mooresville
STATE: NC ZIP: 28117
HOME PHONE: 662-9845
WORK PHONE: 582-9219
MOBILE PHONE:
FAX:



MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

**14. SEPTIC SYSTEM PERMIT APPLICATION:**

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 sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

TC (Initial here for septic system applications)

**15. WELL PERMIT APPLICATION:**

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 twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

**16. APPLICATION SIGNATURE SECTION:**

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

Property Owner's or Owner's Legal Representative Signature — Date: 11/9/09

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*OFFICE USE ONLY*

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

SEPTIC APPLICATION FEES RECEIVED: $ 250.00/00 CHK 114 DATE FEE RECEIVED: 11/9/09

WELL APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 8112B

APPLICATION ID NUMBER ASSIGNED: 4440

COMMENTS:



MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

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

Sheet: 1 of 5
Property ID: 217-151-43
Lot #: 9 AND 10
File #: 8112B
AppID: 4440

# SOIL/SITE EVALUATION
# for ON-SITE WASTEWATER SYSTEM

Owner: Wilbanks Investment Partners LLC
Applicant Tony Jacobs
Address: 5520 Sharon view rd Charlotte NC
Date Evaluated: 11/18/2009
Proposed Facility: residence
Design Flow (.1949): 600gpd
Property Size: 1
Location of Site: Culross Ln Charlotte NC 28278 PID#'S 217-361-06 AND 217-151-43
Property Recorded:
Water Supply: [ ] Public [ ] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] 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 | L.S | 0-5 | GR/SCL | FR,SS,SP,SXP | >48" TO SOIL WETNESS | 48 | N/A | NONE | P.S IV |
| | 14 | 5-37 | SBK/C | FI,S,P,SXP | | | | | .325GPD |
| | | 37-48 | SBK/CL | FI-FR,S,SP,SXP | | | | | |
| | | | | | | | | | |
| 2 | " | 0-7 | GR/L | FR,SS,SP,SXP | " | 49 | " | " | " |
| | | 7-27 | SBK/C | FI,S,P,SXP | | | | | |
| | | 27-49 | WeakSBK/CL | FR,S,SP,SXP | | | | | |
| | | | | | | | | | |
| 3 | L.S | 0-8 | GR/L | FR,SS,SP,SXP | " | 48 | " | " | " |
| | 9 | 8-20 | SBK/C | FI,S,P,SXP | | | | | |
| | | 20-31 | SBK/C | FR,S,P,SXP | | | | | |
| | | 31-48 | WeakSBK/C | FI,S,P,SXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| *4 | L.S | 0-16 | GR/SL | FR,SS,SP,SXP | " | 57 | " | " | " |
| | Ridge | 16-37 | SBK/C | FI,S,P,SXP | | | | | |
| | 3 | 37-57 | WeakSBK/SCL | " | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | SITE LTAR .325GPD/FT2 | | | | |

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

Other Factors (.1946):
Soil Evaluation By: Jason Jackson
Others Present: Bill Marlin and Tony Jacobs
Site Classification (.1948): Provisionally Suitable
Site Evaluation By:
Others Present:

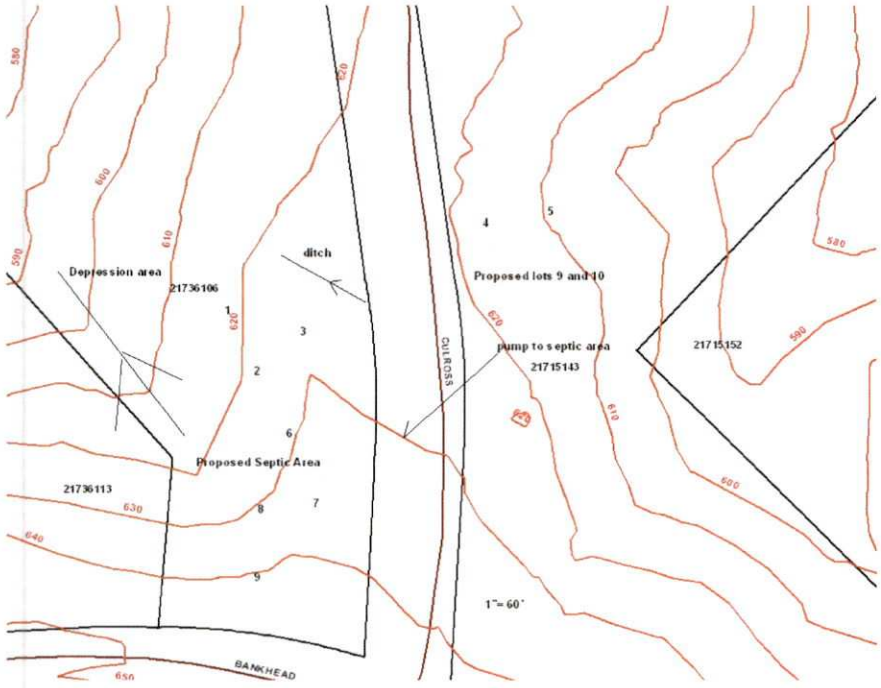
**COMMENT 100% REPAIR AREA REQUIRED**

* PIT LOCATIONS 4 AND 5 LOCATED ON PID# 217-15-143
LOTS 9 AND 10

| 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**

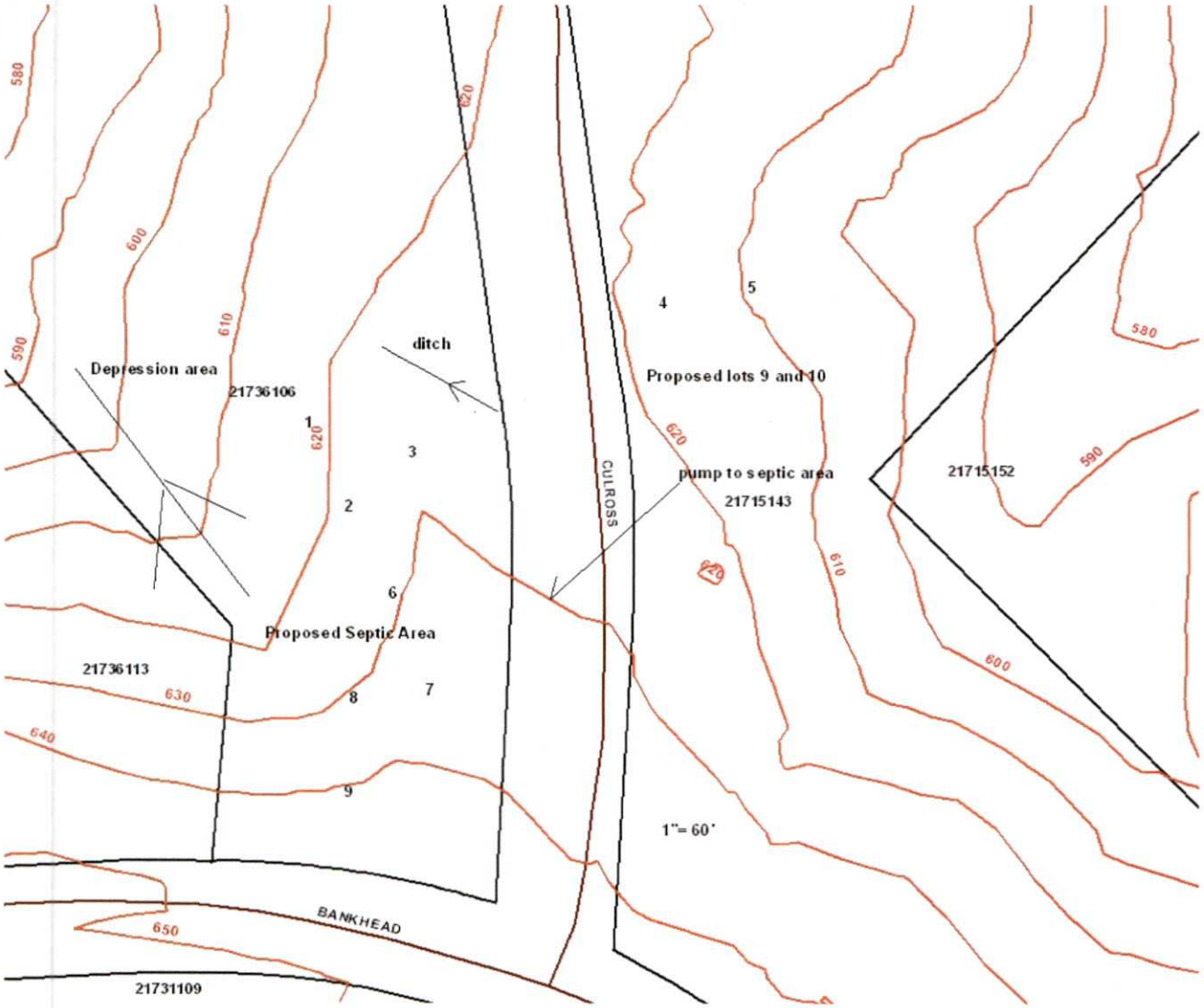


# SOIL/SITE EVALUATION
# for ON-SITE WASTEWATER SYSTEM
# CONTINUED

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 .1941 Structure/ Texture | .1941 Consistence Mineralogy | OTHER PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| *5 | Ridge | 0-17 | GR/SL | FR,SS,SP,SXP | >48" TO SOIL WETNESS | 52 | N/A | NONE | .325GPD/FT2 |
| | L.S | 17-31 | SBK/C | FI,S,P,SXP | | | | | |
| | 4% | 31-52 | WeakSBK/CL | FR-FI,S,SP,SXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 6 | L.S | 0-10 | GR/L | FR,SS,SP,SXP | " | 48 | " | " | " |
| | 12% | 10-29 | SBK/C | FI,S,P,SXP | | | | | |
| | | 29-48 | WeakSBK/CL | FR-FI,S,SP,SXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 7 | Ridge | 0-12 | GR/L | FR,SS,SP,SXP | " | 48 | " | " | " |
| | L.S | 12-39 | SBK/C | FI,S,P,SXP | | | | | |
| | 4% | 39-48 | WeakSBK/CL | FR-FI,S,SP,SXP | | | | | |
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**COMMENTS:**
Enlarged Diagram of Soil Investigation Area

## Sketch of Soil Evaluation Locations



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

Sheet: 5 of 5
File #: 8112B

## SOIL/SITE EVALUATION
## for ON-SITE WASTEWATER SYSTEM
## CONTINUED

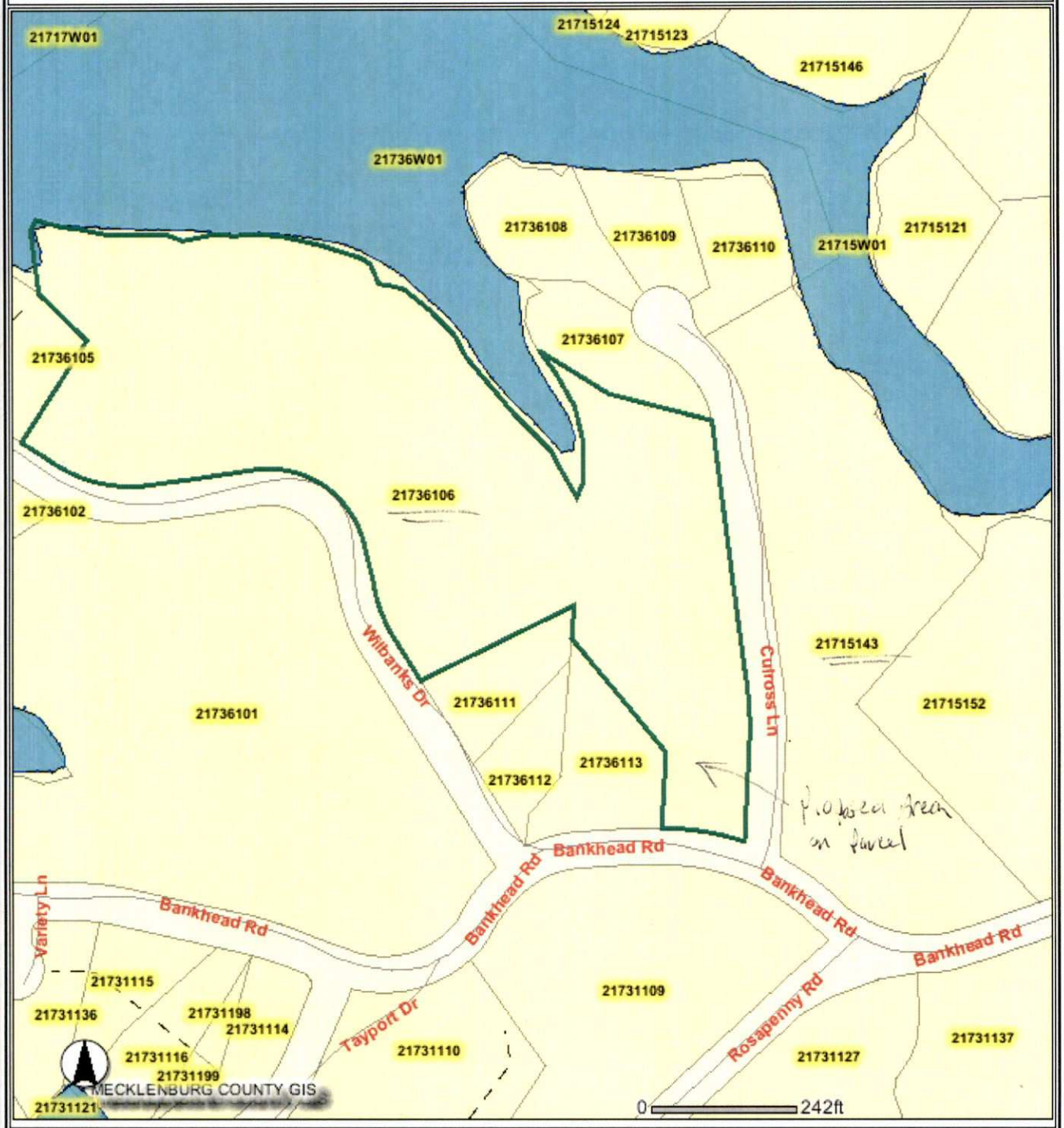
| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| 8 | L.S 19% | 0-9 | GR/L | FR,SS,SP,SXP | >48" TO SOIL WETNESS | 50 | N/A | NONE | .325GPD/FT |
| | | 9-38 | SBK/C | FI,S,P,SXP | | | | | |
| | | 38-50 | WeakSBK/CL | FR-FI,S,SP,SXP | | | | | |
| 9 | L.S 17% | 0-10 | GR/L | FR,SS,SP,SXP | " | 51 | " | " | " |
| | | 10-40 | SBK/C | FI,S,P,SXP | | | | | |
| | | 40-51 | WeakSBK/CL | FR-FI,S,SP,SXP | | | | | |
| | | | | | SITE LTAR .325GPD/FT2 | | | | |

*Mecklenburg County, North Carolina*

# *POLARIS*

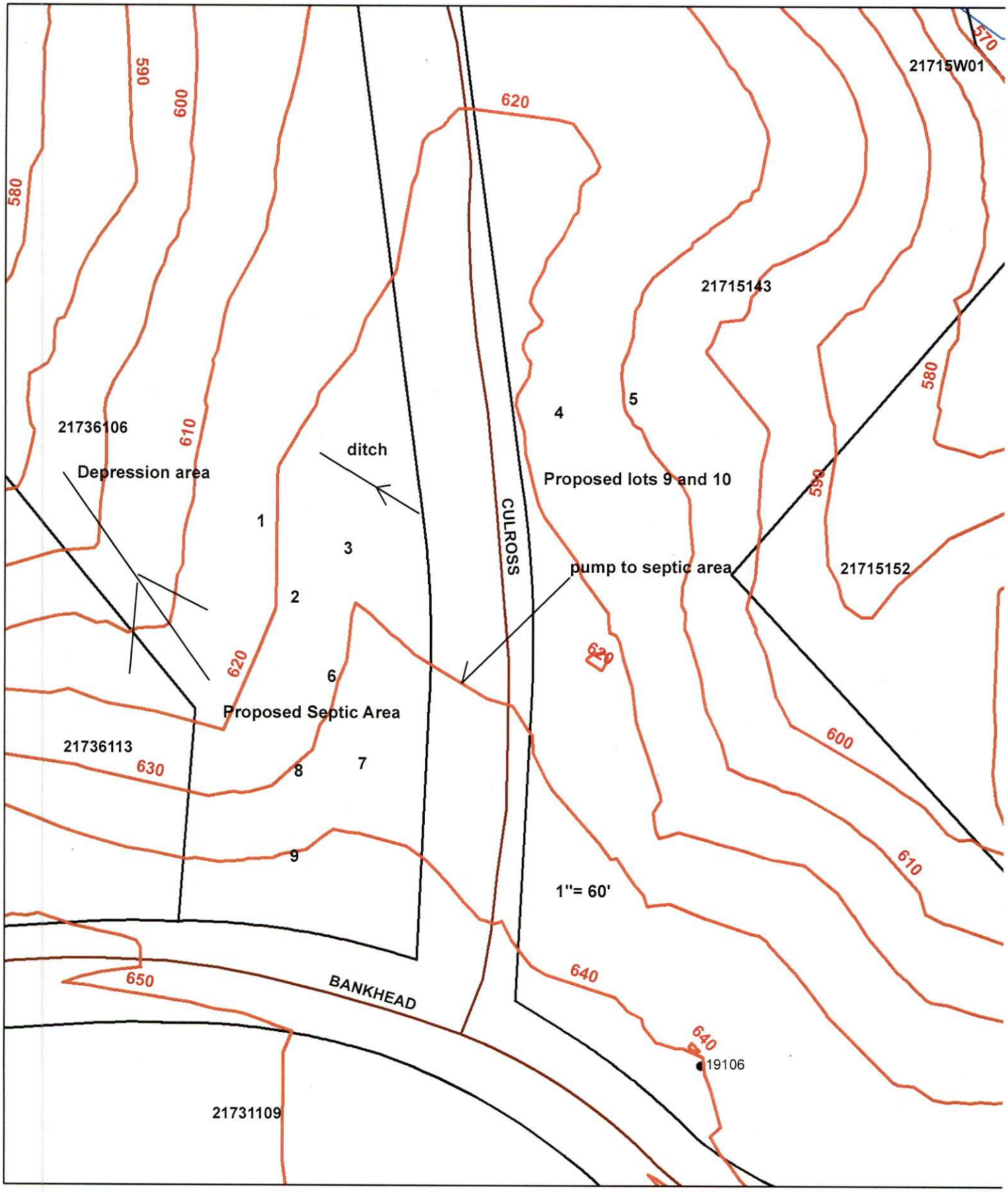
***Property Ownership Land Records Information System***

Date Printed: Thu Nov 19 11:01:50 EST 2009




This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.

Culross Lane PID# 217-151-43 and 217-361-06
FILE# 8112B




Map Created By: J. Jackson
Map Created On: 11/19/09

0 45 90 180