# IREDELL COUNTY HEALTH DEPARTMENT

*ENVIRONMENTAL HEALTH DIVISION*

PAGE 1: *APPLICATION FORM*

**Application For:** ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

*THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.*

**Page 2: *Site Plan Worksheet* form MUST accompany this application**

The following optional attachments may also be submitted: (X) Survey Plat, scaled no more than 1 inch = 60 feet
*Place an (X) beside whichever is submitted if applicable* ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

**Applicant Information:**

Applicant Name: Harris Const Group LLC Address: 9935-D Rea Rd. Ste 210 Charlotte, NC 28277 Phone: 704-295-0094

Owner Name: Harris Const Group LLC Address: same Phone: same

**Property Information:**

Street Address: 137 East Cold Hollow Farms Rd, Mooresville, NC 28117

Subdivision Name: Farms Section/Phase: _____ Lot Number: 488

Driving Directions: Brawley School, Right on McKendree, Right on Barefoot, Right on East Cold Hollow

**Site Development Information:** *(check or complete ALL that apply)*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: _____
( ) Swimming Pool
( ) Other Addition/Structure: _____

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:
Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

**Water Supply:**

( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

**Desired Septic System Type:** *(you may rank in order of preference)* Year existing system installed: _____

( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

**Please answer the following to the best of your ability:**

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

*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.*

**Signature:** _____ 12/23/2013
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

# IREDELL COUNTY HEALTH DEPARTMENT

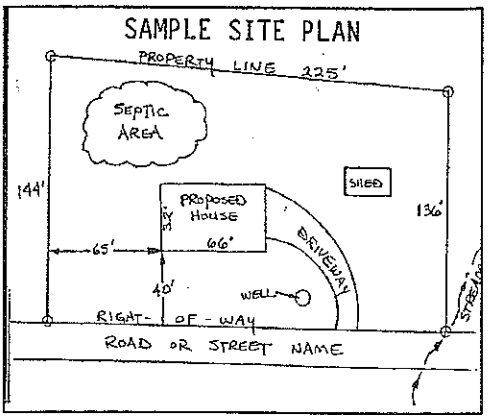
## *ENVIRONMENTAL HEALTH DIVISION*

**PAGE 2: *SITE PLAN WORKSHEET***

**SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!***

**Place an (X) beside each item as you complete the site plan:**

- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location and well location
- (✓) Area you prefer your septic system to be placed
- (✓) North arrow, or other sufficient indicator of direction




**Circle N/A on the following if appropriate:**

| | |
|---|---|
| Location of septic systems and wells within 100' of your property | N/A |
| Location of easements and rights of ways on your property | N/A |
| Location of any designated wetlands on the property | N/A |

## USE THIS SPACE TO DRAW YOUR SITE PLAN

*Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site*

site plan attached

**Signature:** _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

12/23/2013

DATE

# IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

| APPLICATION NUMBER |
|---|
| 200891 |
| Issue Date: 12/23/2013 |

## ZONING PERMIT

Open Space

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4626196098.000 | 137 EAST COLD HOLLOW FARMS DRIVE, MOORESVILLE, NC 28117 | MOORESVILLE |

| Owner Information | Applicant Information |
|---|---|
| Owner: HARRIS CONSTRUCTION GROUP LLC | Applicant: HARRIS CONSTRUCTION GR |
| Address: , | Address: 9935-D REA ROAD #210<br>CHARLOTTE, NC 28277 |
| Phone: | Phone: 704-295-0094 |

| Use Requested | Zone Code |
|---|---|
| SFD | R20 |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| .738 | 35.00 | 35.00 | 15.00 | 15.00 | CACL | X |

**Remarks:**

PAID
12-23-13

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

| Permit Number | 3606 | TOTAL FEES: | $ 77.25 |
|---|---|---|---|

## Lot 488 The Farms at Lake Norman Fast Track Septic System Information

| | |
|---|---|
| **Number of Bedrooms** | 4 |
| **Basement or Crawl** | Basement w/Plumbing |
| **Design Flow (gpd)** | 480 |
| **LTAR (gpd/ft2)** | 0.3 |
| **Primary System Type** | LP PPBPS |
| No. Lines | 1 @ 84' endfed<br>1 @ 65' endfed<br>1 @ 63' endfed<br>1 @ 56' endfed |
| Total Ft. Line | 268 |
| Pump Required | Yes |
| Distribution Device | Gate Valve Box w/ LPP Distribution |
| Maintenance Agreement Required | Yes |
| **Repair System** | LP PPBPS |
| Total Ft. Line | 280 |
| **Elevations (Rod Readings)** | |
| Upper Line | Blue 2.66' |
| Lower Line | Red 10.8' |
| Tank | * |
| House Corner | * |
| Benchmark | 1.0' |

**Notes: System and repair located in offsite easement 488A**
**Benchmark is 50' offset stake on 499/500 PL**
**House and tank elevation to be provided before obtaining ATC**

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

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

OWNER: The Farms, LLC  APPLICANT: _____
ADDRESS: _____  APPLICATION DATE: _____  DATE EVALUATED: 6/3
PROPOSED FACILITY: House  PROPOSED DESIGN FLOW (.1949): 480  PROPERTY SIZE: _____
LOCATION OF SITE: Lot 488  PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| 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 | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Linear concave 4-6% | 0-1 | Mo GR L | SS SP FR | DK Br | | | | |
| | | 1-30 | Mo SBK/WK ABK C | SS SP FR | Red; F/C | Yel Br; | F pale | Br @ RC | .2-.25 |
| | | 30-48 | Mo SBK CL | SS SP FR | Red; F/C | Yel Br; | F pale | Br @ RC | |
| 2 | Linear concave 4-6% | 0-5 | Mo GR L | SS SP FR | DK Br | | | | |
| | | 5-28 | Mo SBK SCL | SS SP FR | Red Br | | | | .25 |
| | | 28-52 | Mo SBK C | SS SP FR | Red Br; | F F Sap | F F Mn | | .3 |
| A B | 6% ± L | 0-26 | SBK RC | fr sss ps exp | | | | | |
| | | 26-48 | WK SBK gr cl | fr ss sp | | | | | .3 |
| B 4 | | 0-11 | wk sbk brn scl | fr ss sp | | | | | |
| | | 11-43 | SBK RC | fr ss sp sxp | | | | | .3 |
| | | 43-56 | WK SBK R CL | fr ss sp | | | | | |
| | | | + SAP. | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

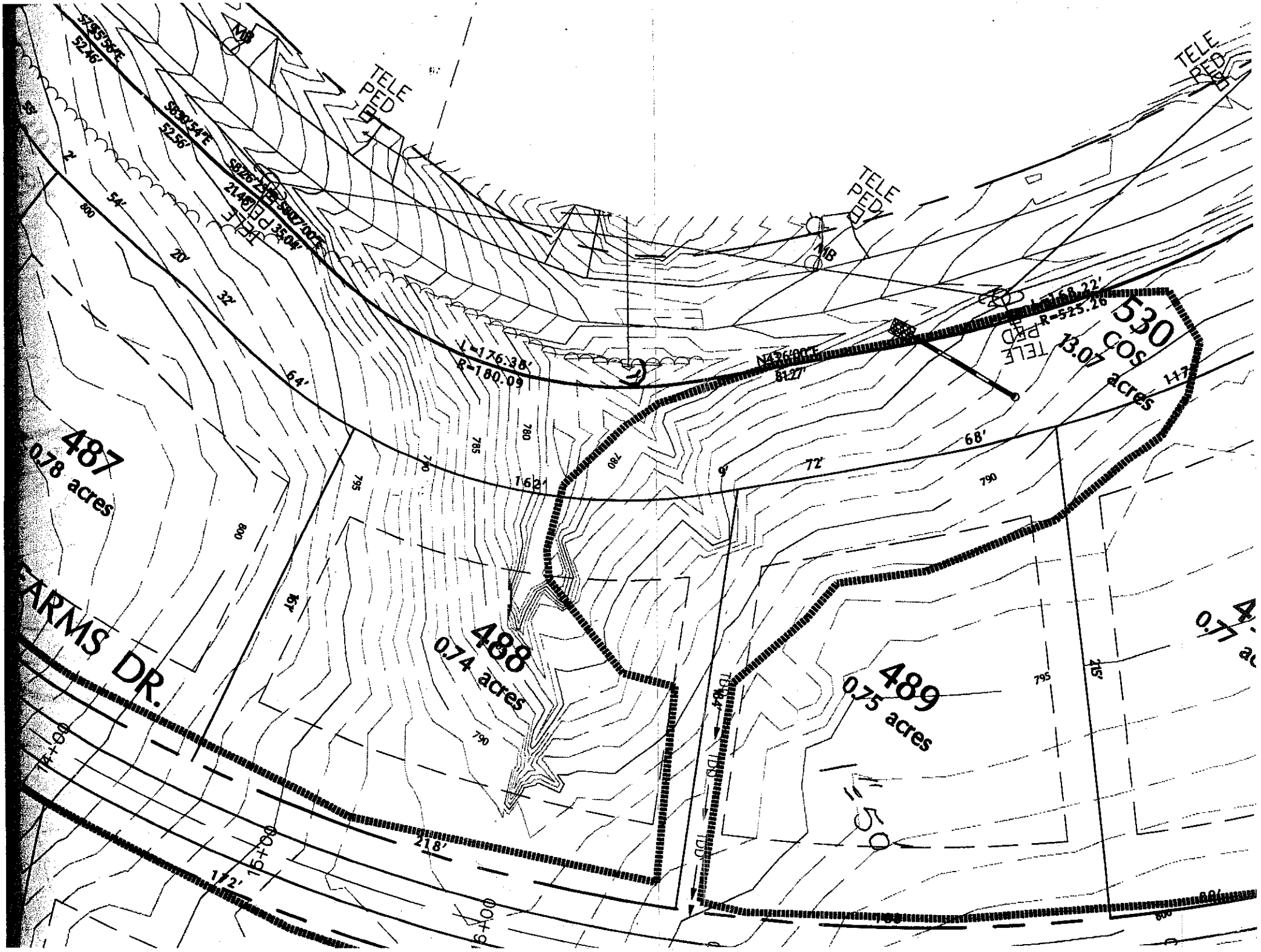
# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: The Farms LLC APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8/19/05
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 499 PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| 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 | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Linear | 0-20 | Mo SBK C | SS SP FR | Red | | | | 0.3 |
| | | 20-26 | WK/Mo SBK C | SS SP FI | Red | | | | |
| | | 26-48 | WK/Mo SBK C/CL | SS SP FI | Red | | | | |
| 2 | Linear | 0-5 | Mo GR SCL | SS SP FR | Br | | | | 0.3 |
| | | 5-36 | Mo SBK C | SS SP FR | Red | | | | |
| | | 36-48 | WK SBK CL | SS SP FI | Red; F | sap | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____


TELE PED
TELE PED
TELE PED
TELE PED
MB
MB
L=176.38'
R=180.09
N43°26'00"E
81.27'
L=168.22'
R=525.26
530
13.07 acres
487
0.78 acres
488
0.74 acres
489
0.75 acres
FARMS DR.
218'
172'
64'
72'
68'
54'
32'
20'
795
790
785
780
800