


13807 JONATHAN`S RIDGE RD

19519306

6/13/2007

duponbj

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

# Groundwater & Wastewater Services
## Septic Project File & Data Review Worksheet

GWS File #: 6248A WASPS App #: _____

Primary ES assigned to project: YJ

Secondary ES assigned to project: DC

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: 6 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-336(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 ☐ |

II. 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 ☐ |

# Items requiring correction/modification: _____

Comments:

IA issued date: 5-10-07

OP issued date: 5-14-07

Review performed by: CR

Date performed: 5/23/07

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

# OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 6248A Permit #: 6248A Tax Parcel #: 195-193-06

Property Owner: CHRISTINE PROPERTIES

Job Location Address: 13807 JONATHANS RIDGE DR

City: CHARLOTTE State: NC Zip Code: 28227

**Operation Permit Issuance Date:** 5/14/07 Contractor Name: RLS

Permitted Design Flow: 360 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Effluent Pump Model: CRUS 0.5 HP

Drainfield Installation ☐ N/A INNOVATIVE 25% REDUCTION

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 265 feet

# of Lines: 5 @ VAR feet

Depth of Media: N/A inches (Type) IIIb,g

Depth of Cover: 12 inches

Distribution Device: DROP BOXES

Bed Installation *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 750 feet

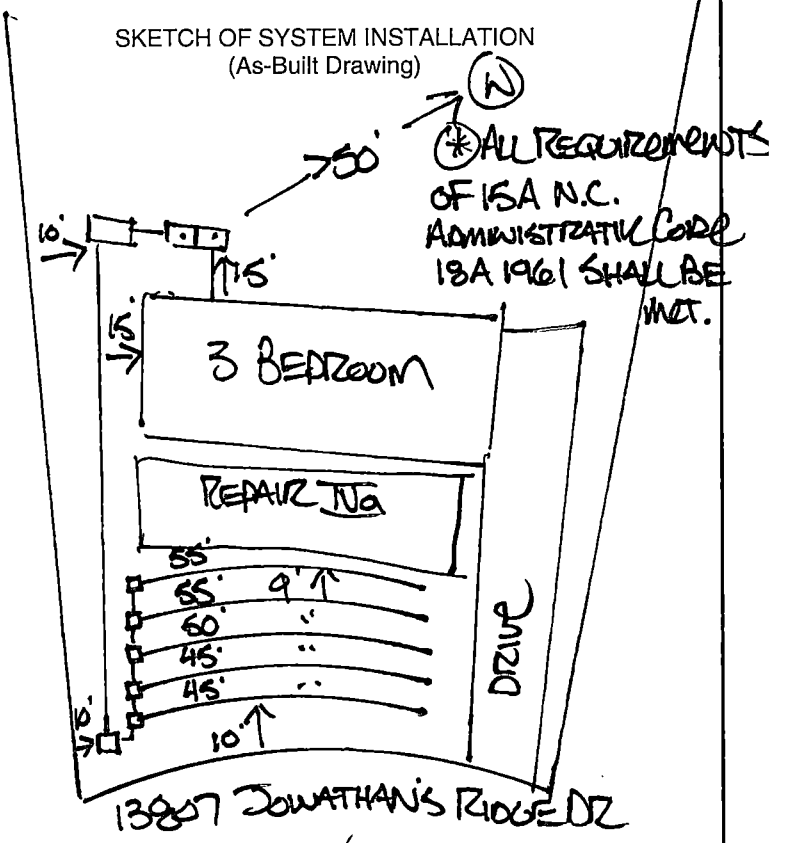
Inspection Dates

Tank(s) Inspected: 5/14/07

Excavation Inspected: 5/14/07

Pump & Controls Inspected: 5/14/07

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)




The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☑ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this 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 15A NCAC 18A. 1900 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 or Revocation of this permit.**

Comments: System Classification & Type: IIIb,g, INNOVATIVE, 25% REDUCTION

5 LINES INSTALLED @ (2) 45', 50', (2) 55'

DENR Authorized Agent: DAVID CORNELIUS, RS Signature: DAVID CORNELIUS, RS

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

**INSTALLATION APPROVAL for an**
**ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM**

File #: 6248A Permit #: _____ Tax Parcel #: 195-193-06

Property Owner: Christine Properties

Job Location Address: 13807 Jonathans Ridge Dr.

City: Charlotte State: NC Zip Code: 28227

**Installation Approval Issuance Date:** 5-10-07

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before _____, after which date this approval 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 granting this approval. 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 of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

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

Dug a hole & found .35 soils

Permitted Design Flow: 360 GPD

Site LTAR: .35 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 255 feet

# of Lines: 5 @ _____ feet 3@56 2@46'

Depth of Media: 12 inches (Type) 25% Reduction

Distribution Device: Drop Boxes

Bed Design *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

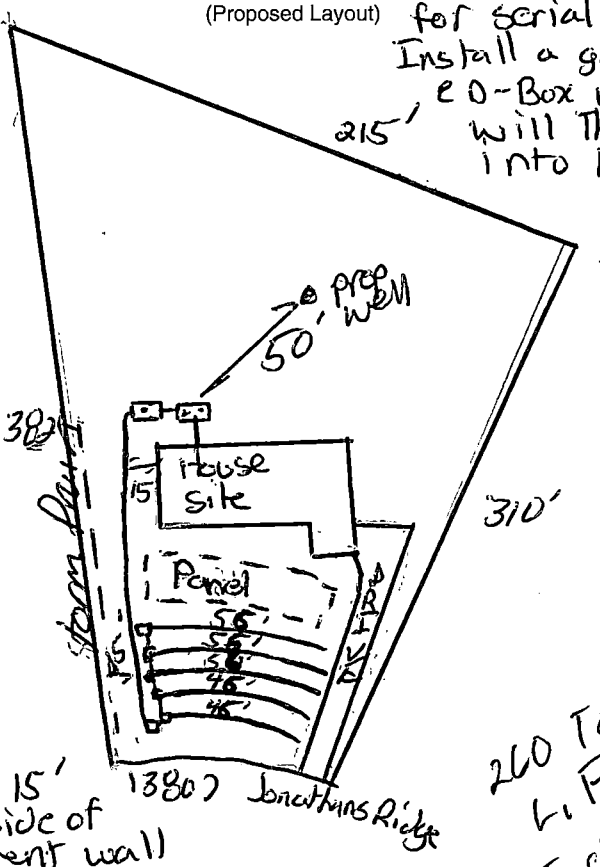
Distance from Building Foundation: _____ feet

Distance from Property Line: _____ feet

Distance from Water Supply Source: _____ feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Use Drop Boxes for serial Distribution Install a gate valve @ D-Box which will Then flow into 1st Drop Box




Comments: System Classification & Type: III b

DENR Authorized Agent: Jeremy Michel Signature: Jeremy Michel

FEE: 300.00
DATE: 9/22/06 CK #1233

# AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AOS

LD 201004

PERMIT NUMBER: 6248A
PARCEL NUMBER: 195-193-06

JOB LOCATION ADDRESS: 13807 Jonathan's Ridge Drive
PROPERTY OWNER: J. Patrick Ricketson
BUILDING CONTRACTOR: ____
SUBDIVISION NAME: Jonathan's Landing, Lot 18
AUTHORIZATION ISSUED BY: J. Andrew Walker DATE: 09/15/05

DENR AUTHORIZED AGENT

## AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 6248A, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: (1) Permit is for a three bedroom residence.
(2) Agreement forms are required to be filed before obtaining a building permit.

## OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITSAND AUTHORIZATION TO CONSTRUCT.

AUTHORIZATION TO CONSTRUCT:

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE

3/9/07
DATE

## CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **6248A** Tax Number: **195-193-06**

- The 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.

Basement: ☐ Yes ☐ No ☒ Partial Basement

**Primary Wastewater System**

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

| | | | |
|---|---|---|---|
| .3 Long-term acceptance rate (GPD/ft^2) | 360 Max gallons/day wastewater flow | 1200 Absorption Area (ft^2) | 9 Trench spacing (min. on centers) (ft) |
| Serviced by private well: ☒ Yes ☐ No | 1500 Gallon septic tank | 300 Total trench length (ft) | 30 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.) |
| 3 Bedrooms in residence | 1000 Gallon pump tank | na Depth of stone (in) | |

Any surface water present: Type: Minimum separation distance (ft):

Additional conditions: **Use drop boxes for serial distribution**

**Repair Area System**

Type: ☐ I ☐ II ☐ III ☒ IV ☐ V ☐ VI

☐ Conventional
☒ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☒ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☐ Innovative or Experimental:

| | | | |
|---|---|---|---|
| 1200 Absorption Area (ft^2) 200 Total trench length (ft) | na Depth of stone (in) | 8 Trench spacing (min. on centers) (ft) | 40 Maximum trench depth (in) |

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems 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 Improvement permit is transferable.

9-15-05

DENR Authorized Agent Date

Owner/Agent Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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

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

Sheet: 1 of 2
Property ID # 195-193-06
Lot #: 18
File #: 6248A
Code: 2

AGS

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

Owner: Jonathan's Landing Development
Applicant: J. Patric Ricketson
Address: Two 1st Union Ctr., #1500, charlotte, N. C. 28282
Date Evaluated: 8/9/2005
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: .8a
Location of Site: 13809 Jonathan's Ridge 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 | OTHER PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS, 12 | 0-8 | GR/CL | FR/SEXP/SS/SP | >48" TO SOIL WETNESS | 48 | N/A | NONE | PS, IV |
| | | 8-48 | SBK/C | FI/SEXP/S/P | | | | | .3GPD/FT$^2$ |
| 2 | " | 0-4 | GR/CL | FR/SEXP/SS/SP | >41" TO SOIL WETNESS | 41 | " | " | " |
| | | 4-41 | SBK/C | FI/SEXP/S/P | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 35 | 35 |
| Site LTAR | .3GPD/FT$^2$ | .3GPD/FT$^2$ |

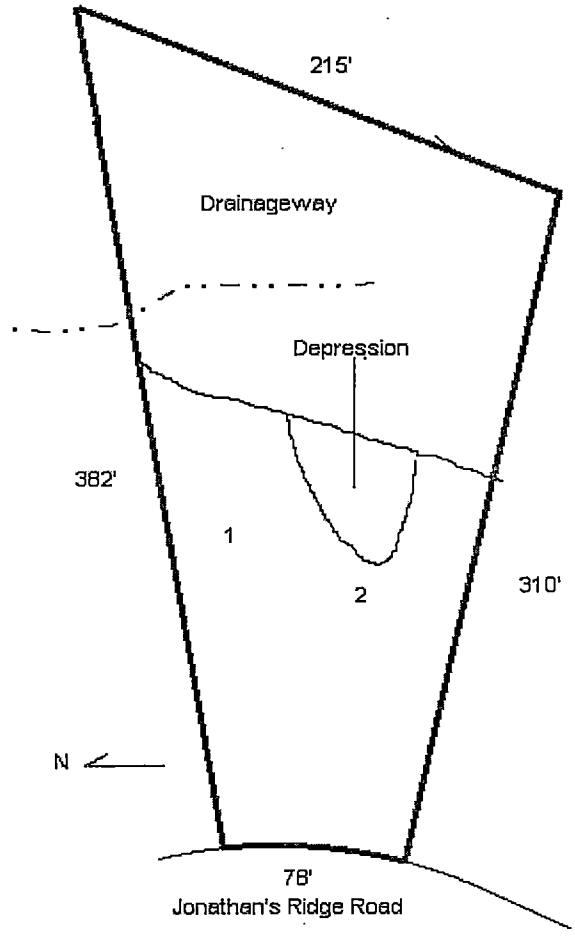
per Jean Mitchell

Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 8/10/2005, W. R. Marlin
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-Food 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 | | CL-Clay Loam | | |
| FP-Flood Plain | | 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 | |



GWS – RES. APP 07/05

SEPTIC FEE: 400 CLK 6212
DATE: 8/5/05 gc
CRT [ ]

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

WELL FEE: _____
DATE: _____
CRT [ ]

**FILE #** 6248A

**SEPTIC / TYPE APPLICATION:** ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

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

**JOB LOCATION INFORMATION:**

**TAX/PARCEL #:** 195 193 06
**STREET ADDRESS:** 13800 Jonathans Ridge Dr
**CITY:** Mint Hill
**STATE:** NC **ZIP:** 28227
**SUBDIVISION OR MOBILE HOME PARK NAME:** Jonathans Landing
**LOT #:** 18
**TOWNSHIP:**

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☒ 7-MINT HILL

**BUILDING INFORMATION:**

**TYPE OF BUILDING:**

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

**HEATED SQUARE FOOTAGE:** 3500 + 1200 basement
**NUMBER OF BEDROOMS:** ~~4 or 5~~ 3
**NUMBER OF OCCUPANTS:** 4

**FOUNDATION FOR RESIDENCE:**

☐ CONCRETE SLAB ☒ BASEMENT WITH PLUMBING
☐ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

**IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:**

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

**WILL THERE BE A HOME BUSINESS IN THE RESIDENCE?** ☐ YES ☐ NO TYPE:

**WATER SUPPLY:**

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☒ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

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

**ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.**

| | | | | | |
|---|---|---|---|---|---|
| BURIED CABLES, LANDFILLS, STUMPHOLES | ☐ YES | ☒ NO | WELLS, SPRINGS, OR WATER LINES | ☐ YES | ☒ NO |
| EXISTING WASTEWATER SYSTEMS | ☐ YES | ☒ NO | DESIGNATED WETLANDS | ☐ YES | ☒ NO |
| EASEMENTS OR RIGHT-OF-WAYS | ☒ YES | ☐ NO | GRADING/SOIL REMOVAL PERFORMED | ☐ YES | ☒ NO |

**PROPERTY OWNER:**

NAME: Jonathan Landing Development
ADDRESS: Two 1st Union Ctr #1500
CITY: Charlotte
STATE: NC ZIP: 28282
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

**LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:**

NAME: J. Patrick Rickets c/o Angie Kruger
ADDRESS: PO Box 77328
CITY: ~~Charlotte~~ Charlotte
STATE: NC ZIP: 28271
HOME PHONE: 847-836-0203 WORK PHONE:
MOBILE PHONE: 704-400-8326 FAX: Angelakruger
You may also contact my sister 704-400-8326

**WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 9/13/1989
**WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** August 2005 (end of month)

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Patrick Ricketts 8/3/05
Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Patrick Ricketts 8/3/05
Owner's/Agent's Signature Date

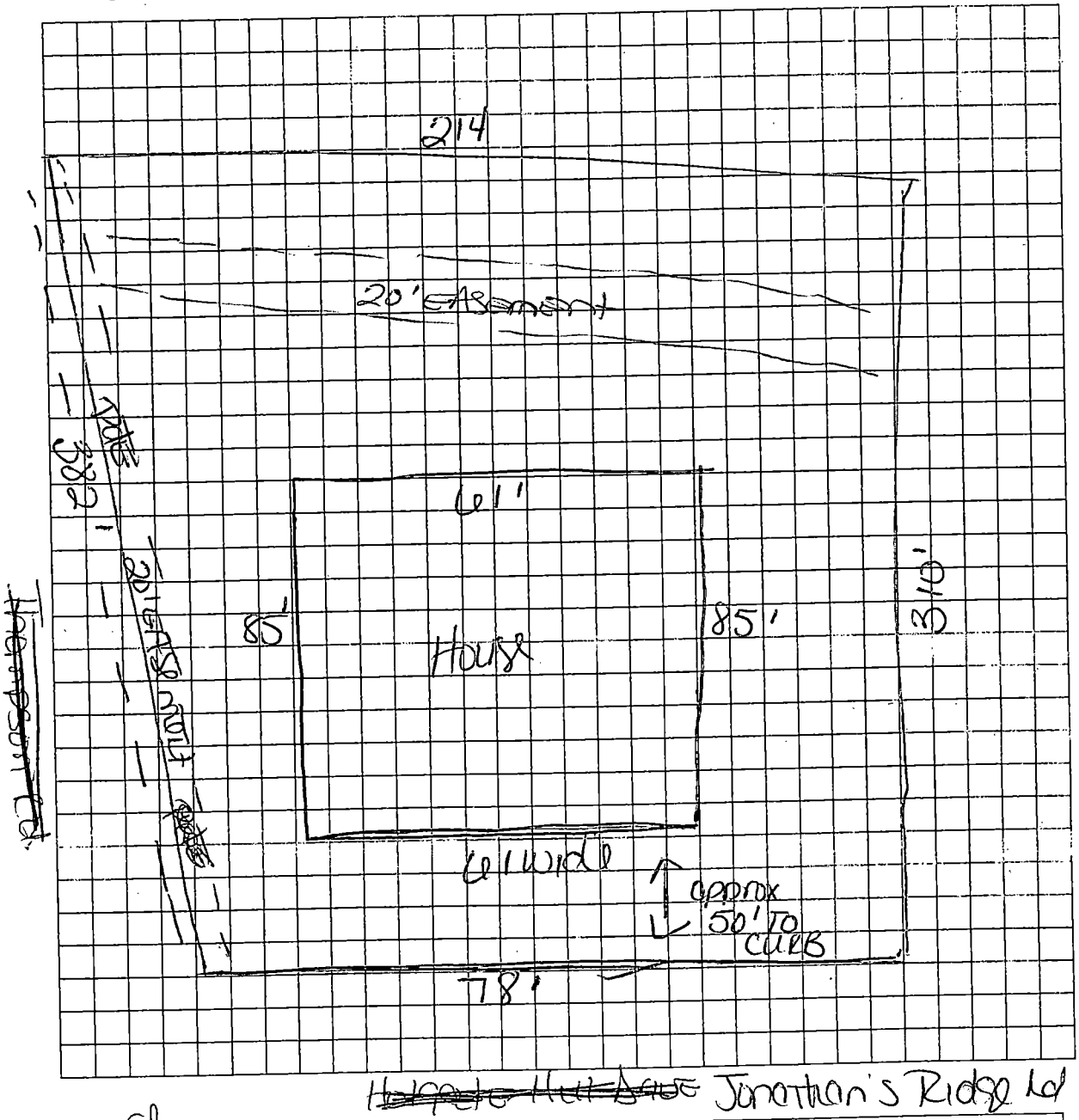
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-6894

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

File # 6248A
Approval Date_____

**APPROVED PLOT PLAN** Lot 18 Jonathans Landing
Parcel 19519306

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property.




| Owner/Agent Signature | Staff Signature |
|---|---|
| Date 8/3/05 | Date |

LBC 12/15/04

**MECKLENBURG COUNTY HEALTH DEPARTMENT**
**SITE EVALUATION REPORT**
**SERIAL NUMBER** 16553

File: ~~96-248-A~~ 6248A  Action 2

Parcel: 195-193-18  PC

Location: Jonathan's Ridge Rd.

Subdivision:

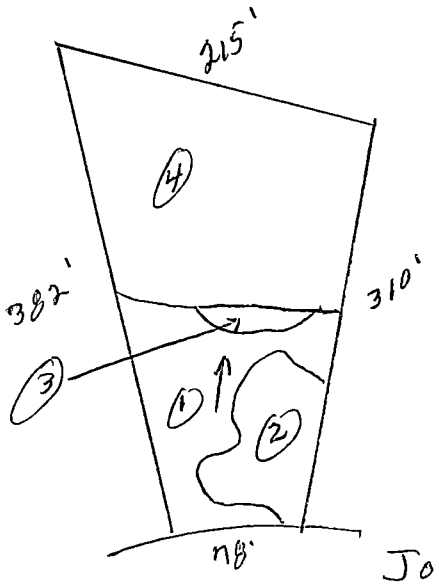
Lot: 18  Block:  Acres: 1.0

Owner:
Address: Jonathan's Landing Development
2300 Two First Union Center
Charlotte, NC 28282

Comments: 100% Repair

Described by: William R. Marlin

Date: 8-7-90




Jonathan's Ridge Road

***** 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 6-15% | S PS (U) complex slopes | S PS (U) Depression | S PS (U) Drainageway Depression | S PS U | S PS U |
| Texture | S (PS) U 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 >36" To water | S PS U — | S PS U — | S PS U — | S PS U | S PS U |
| Depth | S (PS) U 36"+ | S PS U — | S PS U — | S PS U — | S PS U | S PS U |
| Restrictive Horizons | S (PS) U >36" | 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 | VII Cecil-Lloyd | Complex Slopes | Depression | Drainageway-Depression | | |
| Area Classification | S PS (U) | S PS (U) | S PS (U) | S PS (U) | S PS U | S PS U |

# Mecklenburg County
# Health Department

August 8th, 1990

Jonathan's Landing Development
2300 Two First Union Center
Charlotte, NC 28282

RE: Property located at Jonathan's Ridge Rd.
FILE: 6248A
PARCEL: 19519318

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 16553) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure (2)

# PROPOSED PLOT PLAN

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

FILE: 6248A

TC: 195- 193-06

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.

PERMIT FOR
13807 JONATHAN'S RIDGE DRIVE
JONATHAN'S LANDING, LOT 18

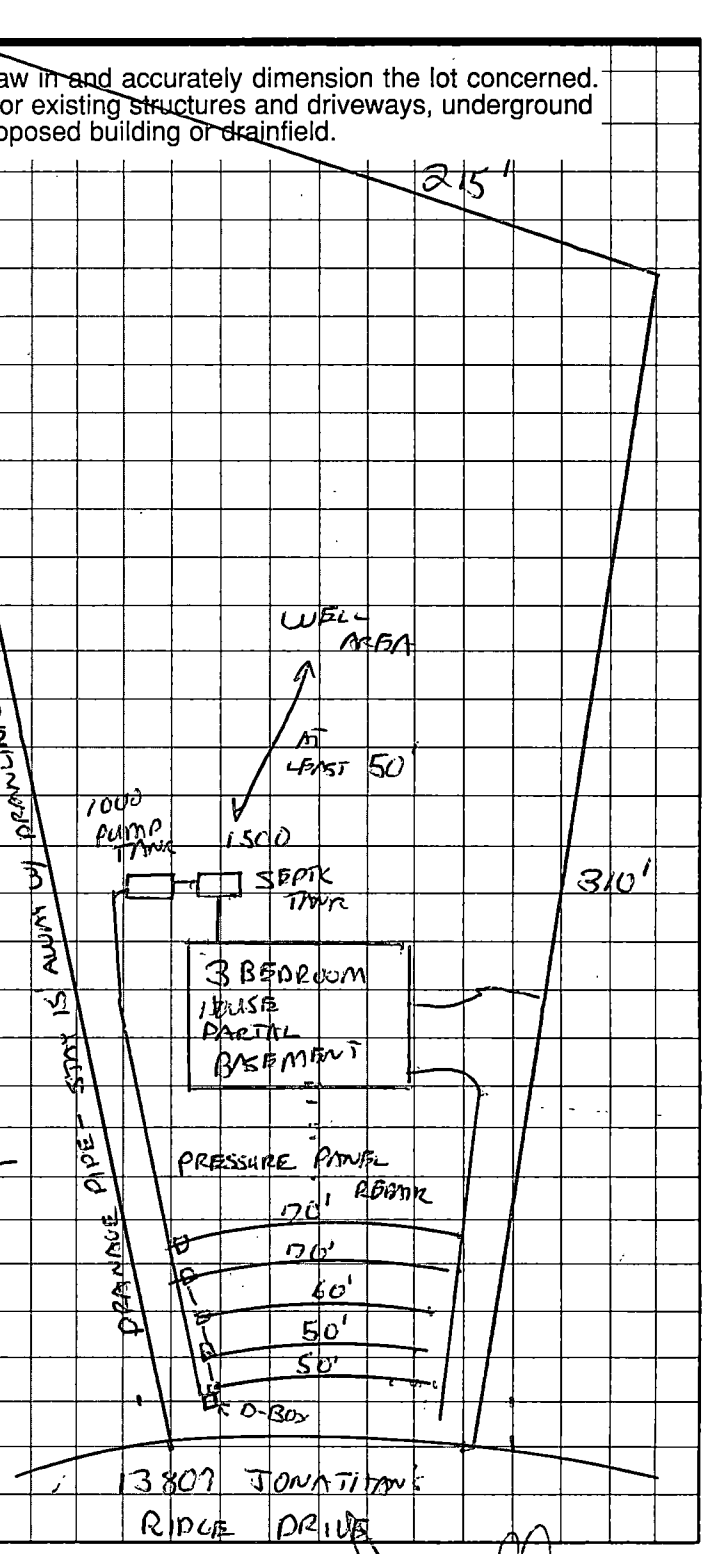
SCALE 1" = 50'

(1) LOCATE ALL WELLS AT LEAST 50' FROM ALL PARTS OF ALL SEPTIC TANKS.

(2) THIS PERMIT IS FOR A 3 BEDROOM RESIDENCE UTILIZING AN EFFLUENT PUMP AND TYPE III-G INNOVATIVE DRAINFIELD THAT IS REQUIRED BY STATE LAW TO BE INSPECTED BY THE LOCAL HEALTH DEPT AT LEAST ONCE EVERY 5 YEARS WITH THE HOME OWNER RESPONSIBLE FOR ANY FEES, AS SET BY THE MECK. COUNTY BOARD OF COMMISSIONERS.

(3) USE DROP BOXES FOR SERIAL DISTRIBUTION - INSTALL A GATE VALVE @ D-BOX WHICH WILL THEN FLOW INTO 1ST DROP BOX

(4) AGREEMENT FORMS REQUIRED




APPROVAL DATE 9-15-05

OWNER/AGENT SIGNATURE

DATE

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

# APPLICATION FOR SOIL INVESTIGATION

Lee 6231A

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: L 248 A

TC: _____

☐ PC ☐ REPT

**JOB LOCATION**

① ADDRESS: 13807 Jonathan's Ridge Road

② SUBDIVISION: Jonathan's Landing ③ LOT: 18 ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: PO 195 PAGE NO.: 101 PARCEL NO.: 03, 04 & 05

⑥ DEED REFERENCE: BOOK NO.: DB 6001 PAGE NO.: 348

**OWNER**

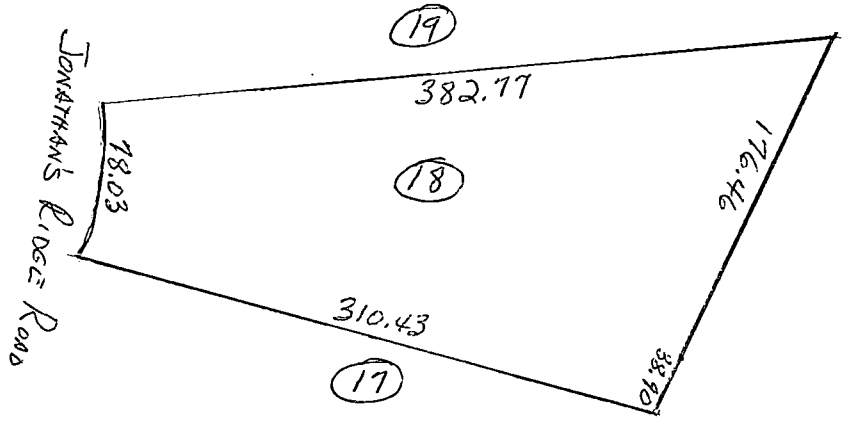
⑦ NAME: Jonathan's Landing Development, a North Carolina General Partnership
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 2300 Two First Union Center

⑨ CITY: Charlotte ⑩ STATE: N. C. ⑪ ZIP: 28282

⑫ PHONE: (WORK) 704-372-4884 (HOME) 704-366-9509

⑬ Accurately diagram and dimension lot.




⑭ The undersigned, 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: _____
H. PARKS HELMS, General Partner

Date: 10/16/89

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

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2006 OCT 11 10:20 AM
BK:21192 PG:254-257 FEE:$20.00

INSTRUMENT # 2006211799

2006211799

**STATE OF NORTH CAROLINA**

**COUNTY OF MECKLENBURG**

**WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AN ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); OR .1957(c); OR .1969**

FILE #: 6248A

PARCEL #: 195-193-06

The undersigned, CHRISTINE PROPERTIES INC, owner of property located at 13207 JONATHON'S RIDGE RD., (the "site") and described in an instrument recorded in Book 19350 J at Page 200, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following will apply to the site:

This instrument was prepared by: Angela Kruger

Mail after recording to: PO BOX 77328
CHARLOTTE NC 28271