


10525 WILDLIFE RD

19960120

1/8/2008

duponbj

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

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 56433 WASPS App #: 3029

Primary ES assigned to project: CS

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:* 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: _____

OP issued date: _____

Review performed by: JC

Date performed: 12-4-07

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

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

Permit #: **30003028** GWS File #: **5693B** Tax Parcel #: **199-601-20**

- 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):** 11/30/2012

Type of Installation: Residential - Modified Plot Plan Lot Number: 37

Structure Type: HOUSE Size ($ft^2$): 10000 # Bedrooms: 5 # Occupants: 10

Building Foundation: Basement With Plumbing Water Supply: Municipal

**II. Initial System Type:** Pump to Approved **System Classification:** IIIb

Initial System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 600 | LTAR ($gpd/ft^2$): | 0.3 | Septic Tank Size (gal): | 1500 | Pump Tank Size (gal): | 1500 |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 2000 | Total Trench Length (ft): | 667 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 12 | Distribution Device: | Pressure Manifold | | |

**III. Repair System Type:** Pump to Approved **System Classification:** IIIb

Repair System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 600 | LTAR ($gpd/ft^2$): | 0.3 | Septic Tank Size (gal): | 1500 | Pump Tank Size (gal): | 1500 |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 1500 | Total Trench Length (ft): | 500 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 12 | Distribution Device: | Pressure Manifold | | |

**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: Chris Sherrill Owner/Legal Agent: Jacob Presley
(Print Name)

Signature: Signature:

Date Issued: 11/30/2007

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 #: **30003028** GWS File #: **5693B**

**IV. Permit Conditions/Comments:**

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.

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: Chris Sherrill
Signature: _____
Date Issued: 11/30/2007

Owner/Legal Agent: Jacob Presley
Print Name
Signature: _____

S&ME

November 26, 2007

Mr. James Martin
The Sanctuary at Lake Wylie
11104 Limehurst Place
Charlotte, North Carolina 28278

Reference: **Request for a revision to the Septic Improvement Permit for Lot 37 at The Sanctuary at Lake Wylie Phase**
Mecklenburg County Health Department (MCHD) File # 5693B

Dear Mr. Martin,

The Sanctuary at Lake Wylie is requesting a revision to the septic Improvement Permit for the above referenced lot. The lot was originally permitted for a 5 bedroom home on June 2, 2005. The only change made to the lot was that the abandoned roadway was removed from lot 37 and added to the COS. The septic system drain field and house locations are the same on the new site plan as they were on the June 2, 2005 permitted site plan.

Mr. Bill Marlin has evaluated the soils (see attached MCHD soil sheets) and S&ME, Inc. has flagged the system and repair on the lot. The septic lines have been located by your surveyor and are shown on the attached maps provided by YW&H, Inc. The attached sketch and specifications are not an Improvement Permit and are intended only to assist the MCHD in permitting the referenced lot at The Sanctuary.

We understand that a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand that the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on the lot prior to obtaining the ATC from the MCHD.**

Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for septic system installation that are greater than the MCHD and State requirements. It will be the responsibility of TCWW to enforce any requirements above State requirements or the MCHD conditions on the Improvement Permit.

Please review the attached system sketch and design specifications for the Improvement Permit. Any additions or revisions you feel are necessary can be made on the Improvement Permit. Please call in you have and questions or comments.

Sincerely,

**S&ME, Inc.**

Paul G. Penninger, LSS
Licensed Soil Scientist

for
Rob Willcox, LSS
Natural Resources Department Manager

**Attachments:**
1. System Specifications
2. Site Plan
3. MCHD Soil Evaluation
4. June 2, 2005 MCHD Conditions of IP and Site Plan

Copy: Mr. Chris Sherrill, R.S.
MCHD

# Design Specifications for Lot 37 at The Sanctuary
# MCHD File # 5693B

| | |
|---|---|
| Daily Design Flow: | 600 gpd |
| Number Bedrooms: | 5 bedroom |
| Basement or Crawl Space: | Basement |
| Septic Tank Size: | 1500 gal |
| Pump Tank Size: | 1500 gal |
| **Primary System Loading Rate:** | **0.3 gpd/ft$^2$** |
| **Primary System:** | **25% reduction** |
| Number and length of laterals: | 5 @ 100 ft. endfed |
| Total ft. of primary system: | 500 ft. |
| Flow Rate through system: | 27.5 gpm – use ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap) |
| Pump Requirements: | to be calculated by installer when specific house and pump tank locations are available |
| Dosing Volume: | approx. 270 gal. – 2.2 doses/day at design flow |
| Depth of effluent pumped per dose: | calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.) |
| Check Valve: | yes |
| Siphon break hole: | no |
| **Repair System Loading Rate:** | **0.3 gpd/ft$^2$** |
| **Repair System:** | **25% Reduction** |
| Total ft. of repair | 500 ft.+ |

**Notes:**

...ment of Environment, Health, and Natural Resources
...ion of Environmental Health
...-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 199-161-11
Lot #: 37
File #: ~~5993B~~ 5693B
Code: 1

ACC

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

Owner: The Sanctuary at Lake Wylie
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Proposed Facility: Residence  Design Flow (.1949): 600gpd
Location of Site: Wildlife Road
Water Supply: [ x ] Public  [ ] Individual  [ ] Well  [ ] Spring  [ ] Other
Evaluation Method: [ x ] Auger Boring  [ ] Pit  [ ] Cut
Type of Wastewater: [ x ] Sewage  [ ] Industrial Process  [ ] Mixed

Applicant: Toney Jacobs
Date Evaluated: 9/29/2004
Property Size: Approx. 1.0a inv.
Property Recorded:

| | 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, 10 | 0-5 | GR/CL | FR/SEXP/SS/SP | >48" TO SOIL WETNESS | 48+ | N/A | NONE | PS, IV .275GPD/FT$^2$ |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 2 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | PS, IV .3GPD/FT$^2$ |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 3 | LS, 8 | 0-8 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 8-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 4 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 5 | " | 0-4 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 4-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 6 | " | 0-5 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |

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

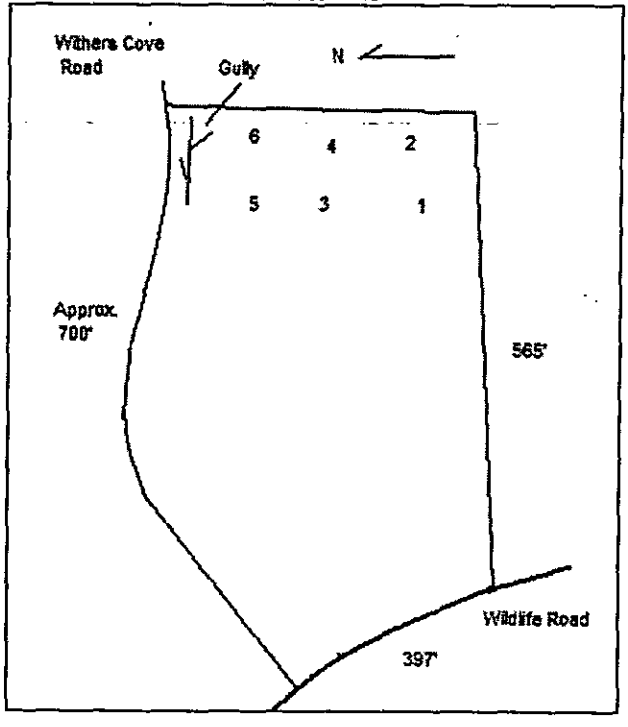
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 9/30/2004. W. R. Marlin
Others Present:

**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 | |

**Sketch of Soil Evaluation Locations**



## CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 5693B

Tax Number: 199-161-11

- The IMPROVEMNET 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:

| | | | |
|---|---|---|---|
| 0.3 Long-term acceptance rate (GPD/ft^2) | 600 Max gallons/day wastewater flow | 1500 Absorption Area (ft^2) | 9 Trench spacing (min. on centers) (ft) |
| Serviced by private well: ☐ Yes ☒ No | 1500 Gallon septic tank | 500 Total trench length (ft) | 24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.) |
| 5 Bedrooms in residence | 1500 Gallon pump tank | na Depth of stone (in) | |

Any surface water present: **No** Type: Minimum separation distance (ft):

Additional conditions: **Install according to plans on file submitted by Toney Jacobs and Associates. Lot #37**

**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:

| | | | |
|---|---|---|---|
| 1500 Absorption Area (ft^2) 500 Total trench length (ft) | na Depth of stone (in) | 9 Trench spacing (min. on centers) (ft) | 24 Maximum trench depth (in) |

The undersigned, an authorized agent of the MECKLENBURG COUNTY HELTH 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 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.

RS 6/2/05

DENR Authorized Agent Date

6-2-05

Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

TO BE REVISED

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

E 1398155.1868
NC GRID COORDINATES
NAD 83 – SPC 97

CM

S02°16'03"W

101.38'

MONUMENT
N 513718.8021
E 1398146.1171
NC GRID COORDINATES
NAD 83 – SPC 97

CM

229.91'

30' REARYARD

R: 255.00'
129.10'
C72

R: 355.00'
160.03'
C81

Pressure manifold

2" SCH 40 PVC SUPPLY LINE

B 125'
Y 100'
W 115'
R 100'
O 100'
B 140' REPAIR
Y 140' REPAIR
W 102' REPAIR
R 102' REPAIR
O 102' REPAIR

P.T.

S.T.

60' PUBLIC R/W

S69°55'16"E
144.24'

S69°55'16"E
144.24'

5' SIDEYARD

NOW OR FORMERLY
THE SANCTUARY AT
LAKE WYLIE, LLC.
DEED:16493-360

R: 220.00'
89.79'
C73

R: 120.00'
48.98'
C80

S86°41'41"W
190.97'

5' SIDEYARD

5.90'

FUTURE
COS

161.20'

S86°41'41"W
316.69'TOTAL

149.58'

201'

115'

18'

S88°28'01"W
579.51'

5' SIDEYARD

37
174,048 SF
FPE-587.19

1"=50'

DRIVE

5' SIDEYARD

S44°48'11"W
197.50'

10' HARD SURFA
TRAIL EASEMEN
(TYPICAL APPROX
(LOCATION

#10525

20' SETBACK

C77
48.26'
R: 578.59'

C86
141.77'
R: 597.26'

WILDLIFE BM;

C74
107.09'
R: 120.00'

N35°33'55"E
30.4

C75
66.03'

350' CLEAR
SIGHT DISTANCE
(PEDESTRIAN CROSSING)

8' CONCRETE
SIDEWALK EASEMENT
(TYPICAL APPROXIMATE)

ORIGINAL 6-2-05 TO BE REVISED

1" = 100'

FILE NUMBER: 56938 Revised On: August 31, 2007 C5 APPLICATION NUMBER: 3028

SEPTIC FEE: 1080 DATE: 11/27/07 CK 1080

**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:** 19960120
**STREET ADDRESS:** 10525 Wildlife Rd
**CITY:** Charlotte
**STATE:** NC **ZIP:** 28278
**SUBDIVISION NAME:** The Sanctuary at Lake Wylie
**LOT #:** 37 **LOT SIZE (acres):** 174,048 SF (3.99 AC)
**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:** 10,000
**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 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):*

| | ☐ ANY TYPE | ☐ CONVENTIONAL | ☒ ACCEPTED | ☐ INNOVATIVE | ☐ ALTERNATIVE | ☐ OTHER _____ |
|---|---|---|---|---|---|---|
| 8A. **RANK:** | — | — | 1 | 2 | 3 | — |

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 |

10. **PROPERTY OWNER:**
NAME: Sanctuary at Lake Wylie
ADDRESS: 11104 Elmhurst
CITY: Charlotte
STATE: NC ZIP: 28278
HOME PHONE: — WORK PHONE: 704-295-1638
MOBILE PHONE: — FAX: —

11. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: S. ME
ADDRESS: 385 Timber Road
CITY: Mooresville
STATE: NC ZIP: 28115
HOME PHONE: — WORK PHONE: 704-896-6732
MOBILE PHONE: — FAX: —

12. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 2007
13. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** DEC 12th

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.

11-26-07

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

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

## CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: **5693B** Tax Number: **199-161-11**

- The IMPROVEMNET 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:

| | | | |
|---|---|---|---|
| 0.3 Long-term acceptance rate (GPD/ft^2) | 600 Max gallons/day wastewater flow | 1500 Absorption Area (ft^2) | 9 Trench spacing (min. on centers) (ft) |
| Serviced by private well: ☐ Yes ☒ No | 1500 Gallon septic tank | 500 Total trench length (ft) | 24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.) |
| 5 Bedrooms in residence | 1500 Gallon pump tank | na Depth of stone (in) | |

Any surface water present: **No** Type: Minimum separation distance (ft):

Additional conditions: **Install according to plans on file submitted by Toney Jacobs and Associates. Lot #37**

**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:

| | | | |
|---|---|---|---|
| 1500 Absorption Area (ft^2) 500 Total trench length (ft) | na Depth of stone (in) | 9 Trench spacing (min. on centers) (ft) | 24 Maximum trench depth (in) |

The undersigned, an authorized agent of the MECKLENBURG COUNTY HELTH 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 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.

RS 6/2/05
DENR Authorized Agent Date

6-2-05
Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

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

# TONEY C. JACOBS & ASSOCIATES, INC.

Consulting Soil Scientists

Licensed by the North Carolina Board for Licensing of Soil Scientists

Certified by the American Registry of Certified Professionals in Agronomy, Crops and Soils

168 Broadbill Drive
Mooresville, NC 28117
Phone (704) 663-6905
Fax (704) 662-9845 E-mail jacobs@i-america.net


March 15, 2005

To: Mr. David Cornelius, R.S.
Mecklenburg County Env. Health Dept.

From : Toney C. Jacobs
Paul G. Penninger

RE: Request for an Improvement Permit for lot 37 at The Sanctuary:
MCHD file # 5693B

Crescent Resources is requesting an Improvement Permit for lot 37 at The Sanctuary Subdivision for a 5 bedroom, basement home. Mr. Bill Marlin of the MCHD evaluated the soils on 9-29-04 and determined the septic area is PS at an 0.3 gpd/ft$^2$ LTAR. Toney C. Jacobs and Associates, Inc. has flagged a 25% reduction septic system and repair on the lot, as shown on the attached sketch.

We understand a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer of the lot will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on lot prior to obtaining the ATC from the MCHD.**

Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for the installation of the septic systems that are greater that the state requirements. It will be the responsibility of TCWW to enforce any requirements above state requirements or the conditions on the Improvement Permit or ATC.

Please review the attached system sketch and design specifications for the Improvement Permit. Please call if you have and questions, comments, or corrections.

**Design Specifications for Lot 37 at**

**The Sanctuary, MCHD File # 5693B**

| | | |
|---|---|---|
| System Type: | primary:<br>repair: | pressure manifold , 25% reduction<br>pressure manifold , 25% reduction |
| Daily design flow: | | 600 gpd |
| Septic tank size: | | 1500 gal. (2 compartments) |
| Pumping tank size: | | 1500 gal. |
| Effluent loading rate: | | 0.3 gpd/$ft^2$ for primary and repair |
| Number and length of laterals: | | 5 @ 100 ft. for a total of 500 ft. of 25% reduction trench |
| Flow rate through the system: | | 27.5 gpm –use five, ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap) |
| Pump requirements: | | to be calculated by installer or owners agent when specific house and pump tank location are available |
| Dosing volume: | | approx. 270 gal. – 2.2 doses/day at design flow |
| Depth of water pumped per dose: | | calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.) |
| Check valve: | | YES |
| Siphon break hole: | | No |

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

Sheet: 1 of 2
Property ID: PO 199-161-11
Lot #: 37
File #: ~~5983B~~ 5693B
Code: 1

ACC

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Proposed Facility: Residence  Design Flow (.1949): 600gpd
Location of Site: Wildlife Road

Applicant: Toney Jacobs
Date Evaluated: 9/29/2004
Property Size: Approx. 1.0a inv.
Property Recorded:

Water Supply: [ x ] Public [ ] Individual [ ] 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, 10 | 0-5 | GR/CL | FR/SEXP/SS/SP | >48" TO SOIL WETNESS | 48+ | N/A | NONE | PS, IV .275GPD/FT$^2$ |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 2 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | PS, IV .3GPD/FT$^2$ |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 3 | LS, 8 | 0-8 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 8-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 4 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 5 | " | 0-4 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 4-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 6 | " | 0-5 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |
| | | | | | | | | | |

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

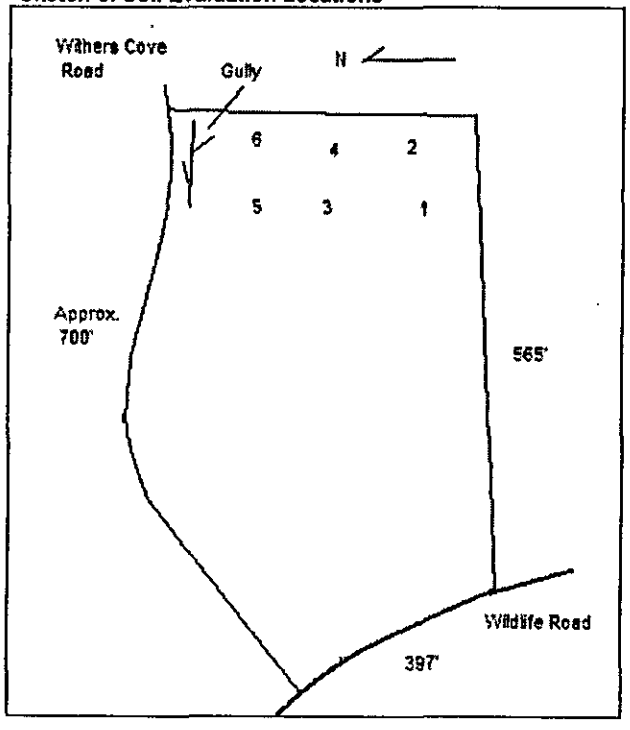
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Martin, LSS, 9/30/2004. W. R. Martin
Others Present:

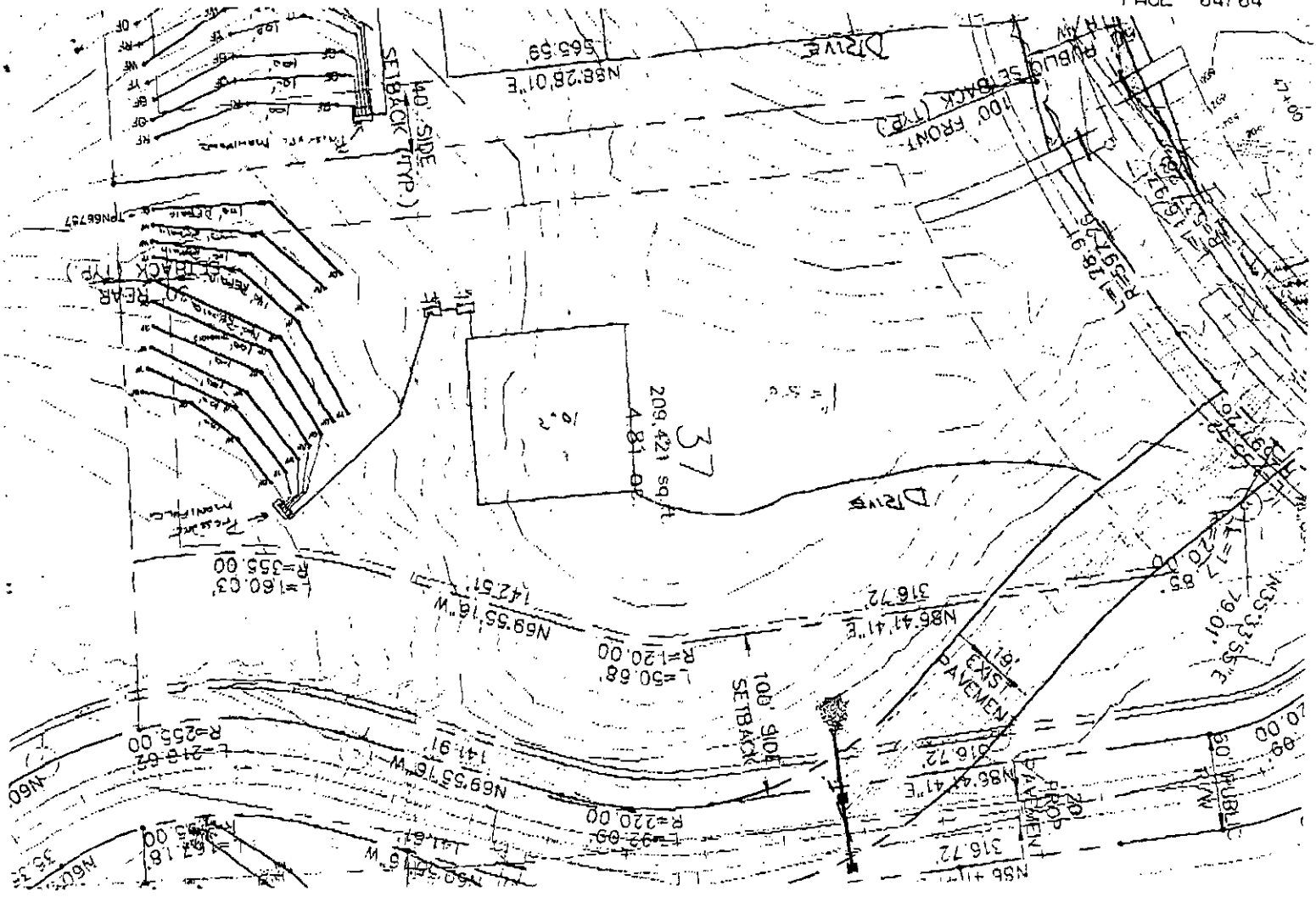
**COMMENTS:**
100% repair

| 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 | | |

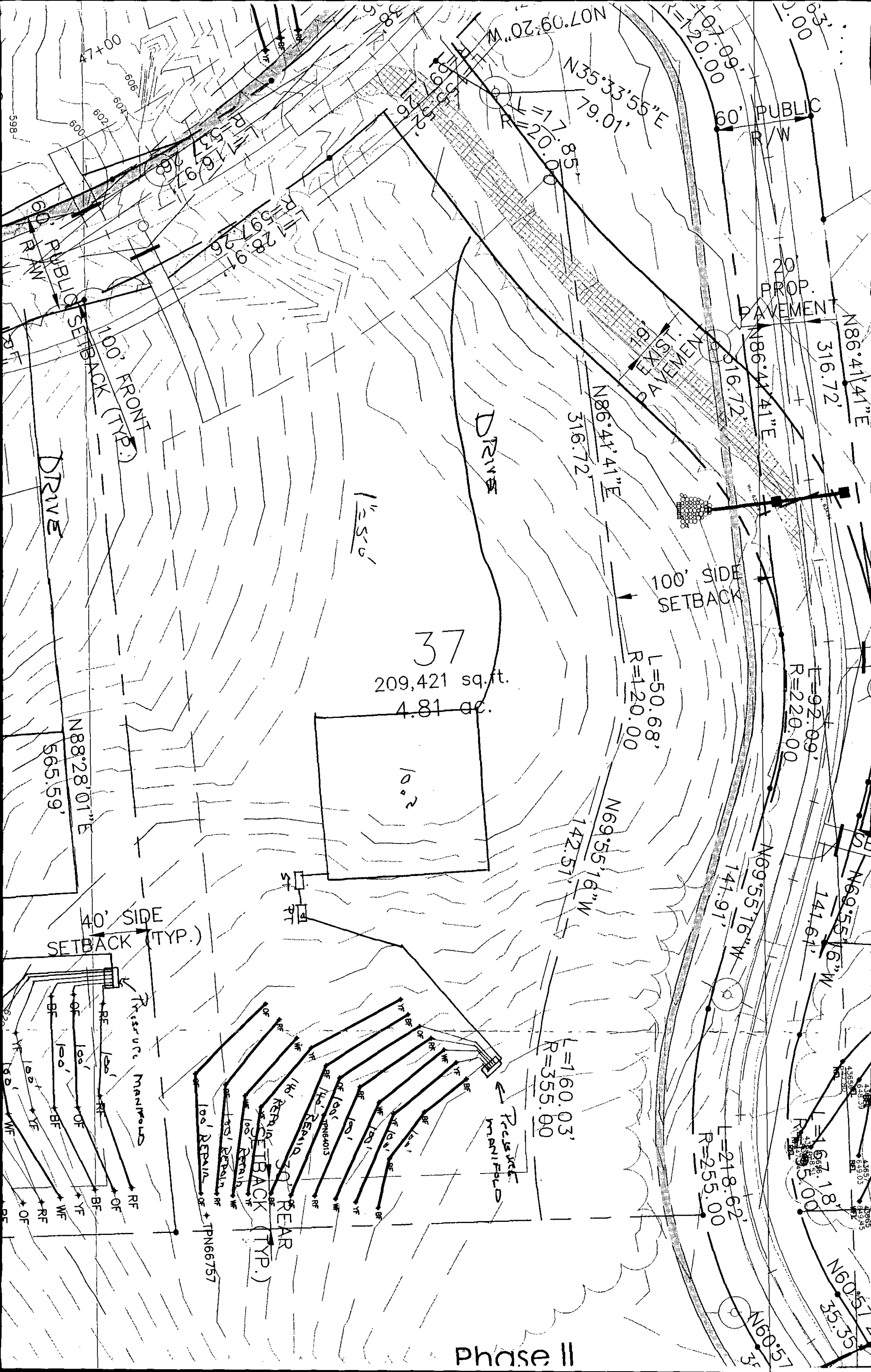
| Consistence Moist | Consistence Wet | Mineralogy |
|---|---|---|
| VFR-Very Friable | NS-Non-Sticky | SEXP-Slightly Expansive |
| FR-Friable | SS-Slightly Sticky | EXP-Expansive |
| FI-Firm | S-Sticky | |
| VFI-Very Firm | VS-Very Sticky | |
| EFI-Extremely Firm | NP-Non-Plastic | |
| | SP-Slightly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

**Sketch of Soil Evaluation Locations**




37
209,421 sq.ft.
4.81 ac.
40' SIDE SETBACK (TYP.)
100' FRONT SETBACK (TYP.)
REAR SETBACK (TYP.)
DRIVE
PUBLIC R/W
50' PUBLIC R/W
19' EAST PAVEMENT
PROP. PAVEMENT
N88°28'01"E 565.59
N86°41'41"E 316.72
N69°55'16"W 142.51
N69°53'16"W 141.91
R=1220.00
R=2255.00
R=355.00
L=50.68'
L=218.62'
L=160.03'
L=92.09'
R=220.00
R=59.00
L=76.91'
N33°33'55"E 79.01'

1" = 100'


47+00
606
604
602
600
598
N20°09'07"W
N35°33'55"E
79.01'
L=17.85'
R=20.00'
L=59.26'
R=537.28'
L=116.97'
R=537.28'
L=28.91'
R=597.26'
60' PUBLIC R/W
60' PUBLIC R/W
SETBACK
100' FRONT SETBACK (TYP.)
DRIVE
1"=50'
37
209,421 sq.ft.
4.81 ac.
N88°28'01"E
565.59'
40' SIDE SETBACK (TYP.)
TPN66757
TPN64013
100' REAR SETBACK (TYP.)
Pressure Manifold
L=160.03'
R=355.00'
L=50.68'
R=120.00'
N69°55'16"W
142.57'
N86°41'41"E
316.72'
9' EXIST. PAVEMENT
20' PROP. PAVEMENT
100' SIDE SETBACK
L=92.09'
R=220.00'
L=218.62'
R=255.00'
N69°55'16"W
141.91'
N60°51'35"W
Phase II

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

Sheet: 1 of 2
Property ID: PO 199-161-11
Lot #: 37
File #: ~~5963B~~ 5693B
Code: 1

ACS

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Proposed Facility: Residence  Design Flow (.1949): 600gpd
Location of Site: Wildlife Road

Applicant: Toney Jacobs
Date Evaluated: 9/29/2004
Property Size: Approx. 1.0a inv.
Property Recorded:

Water Supply: [ x ] Public [ ] Individual [ ] 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 | | 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 | |
| 1 | LS, 10 | 0-5 | GR/CL | FR/SEXP/SS/SP | >48" TO SOIL WETNESS | 48+ | N/A | NONE | PS, IV .275GPD/FT$^2$ |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 2 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | PS, IV .3GPD/FT$^2$ |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 3 | LS, 8 | 0-8 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 8-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 4 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 6-48 | SBK/C | FI/SEXP/S/P | | | | | |
| 5 | " | 0-4 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
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| 6 | " | 0-5 | GR/CL | FR/SEXP/SS/SP | " | " | " | " | " |
| | | 5-48 | SBK/C | FI/SEXP/S/P | | | | | |
| | | | | | | | | | |

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

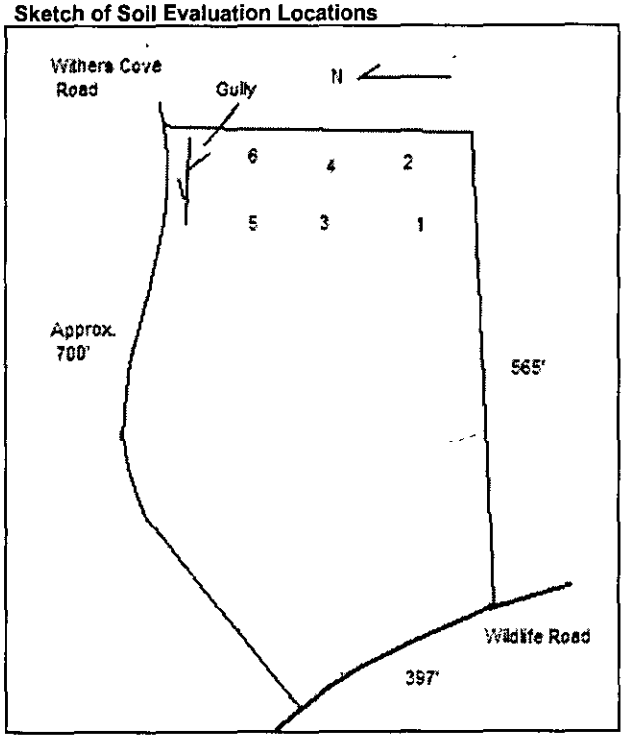
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 9/30/2004, W. R. Marlin
Others Present:

**COMMENTS:**
100% repair

| Landscape Position | Group | Texture | .1955 LTAR | Structure |
|---|---|---|---|---|
| R-Ridge | I | S-Sand | 1.2 - 0.8 | SG-Single Grain |
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| 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 | |

**Sketch of Soil Evaluation Locations**



FEE: Credit Card Payment 3/24/04 DATE: 8/13/04

# APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

Lot 3027 [ ] CRT

TYPE APPLICATION: [X] NEW SYSTEM [ ] EXPANSION/ ALTERATION OF EXISTING SYSTEM [ ] REPAIR OF EXISTING SYSTEM

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

FILE #: 59638

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 199-161-11 PO

STREET ADDRESS:

SUBDIVISION OR MOBILE HOME PARK NAME: The Sanctuary At Lake Wylie, LLC

LOT NUMBER: 37

TYPE OF BUILDING (CHECK ONE):

[ ] SINGLE MOBILE HOME(S)
[ ] DOUBLE WIDE (D)
[X] HOUSE (H)
[ ] MODULAR HOME (M)
[ ] MULTIPLE FAMILY (U)
[ ] OTHER (O)

TOWNSHIP (CHECK ONE):

[✓] 0 MECKLENBURG
[ ] 1 CHARLOTTE
[ ] 2 DAVIDSON
[ ] 3 CORNELIUS
[ ] 4 PINEVILLE
[ ] 5 MATTHEWS
[ ] 6 HUNTERSVILLE
[ ] 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 5

NUMBER OF OCCUPANTS:

CLOSING DATE

FOUNDATION FOR RESIDENCE:

[ ] WITHOUT BASEMENT
[ ] ON SLAB
[ ] CRAWL SPACE
[X] WITH BASEMENT /PLUMBING
[ ] WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: [ ] YES [✓] NO TYPE:

WATER SUPPLY (CHECK ONE):

[ ] COMMUNITY (C)
[ ] SHARED WELL (S)
[✓] MUNICIPAL (M)
[ ] OTHER 'SPRINGS' (O)
[ ] PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES — [ ] YES [✓] NO
EXISTING WASTEWATER SYSTEMS — [ ] YES [✓] NO
EASTMENTS OR RIGHT-OF-WAYS — [✓] YES [ ] NO
WELL, SPRINGS OR WATERLINES — [ ] YES [✓] NO
DESIGNATED WETLANDS — [ ] YES [✓] NO

PROPERTY OWNER:

NAME: (LAST) The Sanctuary at Lake Wylie, LLC (FIRST) (MI)

ADDRESS: 10933 Ballantyne Crossing Ave

CITY: Charlotte STATE: NC ZIP: 28277

DAYTIME PHONE: (704) 544-0201 ext 226

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Jacobs (FIRST) Tonay (MI) C

DAYTIME PHONE: 704 663-6905

m 704 582 9219

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?

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 agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Tonay C Jacobs, CPSS (AGENT) DATE: 8-13-04

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102