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

GWS File #: 6866A WASPS App #: 6026

Primary ES assigned to project: Jeremy Michelone

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: 2 | | | |
| | Were sufficient auger borings made? | Yes ☒ | No ☐ | N/A ☐ |
| .1939(d), .1955, .1956, .1957 | LTAR 0.3 | 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: 2/20/13

OP issued date: 3/1/13

Review performed by: JAM

Date performed: _____

6866A

# Supervisor/Administrative Professional Checklist

**New Septic** ☐ **New Well** ☐ **Use Existing** ☐ **Alteration** ☑ **Modified Plot Plan** ☐

**New Septic Fees Paid:**

IP ($250.00) _____ Initials/Date

CA ($200.00) _____ Initials/Date

OP ($200.00) _____ Initials/Date

(CA and OP fees need to be paid before a building permit can be issued)

**New Well Fee Paid:** $550.00 _____ Initials/Date

**Use Existing Fee Paid:** $100.00 _____ Initials/Date

**Alteration Fee Paid:** $300.00 (Total) $200 (If use existing was paid) lws 2/11/13 Initials/Date

**Modified Plot Plan Fee Paid:** $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☐ Reviewed ☐ SAM

This site is served by septic and well. Verify each is complete before final hold is released. ☐

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☑ Signature received. ☑ 2/19/13

This septic system requires a certified operator contract before final hold is released. ☐

Certified operator contract is on file. ☐ _____

**WASTEWATER SOLUTIONS & DESIGN**

4711 Rocking Horse Dr. Maiden, NC 28650

**JEREMY MICHELONE** **3-4-13**

Groundwater & Wastewater Services, Mecklenburg County,

This letter is to verify that a septic system expansion consisting of a LPP- PPBPS line of 2'x67' was installed at 16100 Weatherly Way on 3/1/2013. The system was installed correctly per the design criteria of Wastewater Solutions & Design. The system was also inspected and approved by Mecklenburg County Environmental Health Department, Wastewater Services.

If you have any questions regarding this report please call me @ 980-429-1580.

**SINCERELY**

Russell B Williams

**Russell B Williams**

4711 Rocking Horse Dr. Maiden, NC 28650

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 #: 68664 Permit #: 6026 Tax Parcel #: 001-452-59

Property Owner: Gary Cangelosi

Job Location Address: 1600 Westbrook Way

City: Huntersville State: NC Zip Code: 28078

**Operation Permit Issuance Date:** 3/1/13 Contractor Name: Russell Williams

Permitted Design Flow: 480 GPD

Liquid Capacity of Septic Tank: Existing gallons

Liquid Capacity of Dosing Tank: Existing gallons

Effluent Pump Model: Existing

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 2 feet

Line Spacing: 9 feet (O.C.)

Total line length: 67 feet

# of Lines: 2 @ 44'23' feet

Depth of Media: NA inches (Type) PPBPS

Depth of Cover: 16 inches

Distribution Device: LPP

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: 7/10' feet

Distance from Water Supply Source: >100' feet

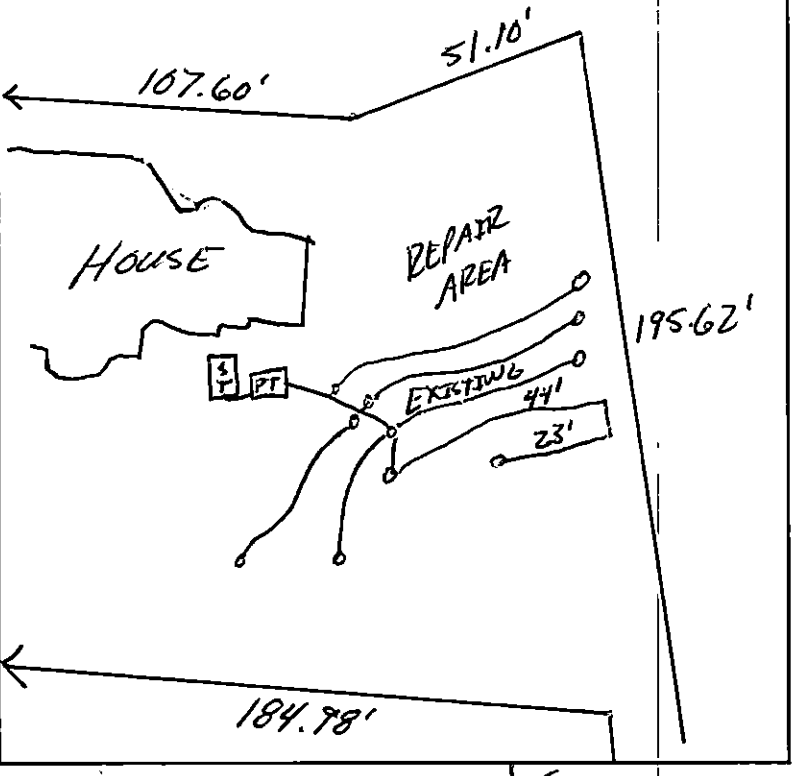
Inspection Dates

Tank(s) Inspected: —

Excavation Inspected: 3/1/13

Pump & Controls Inspected: Existing

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: IIa, PPBPS, PRESSURE, N/A, N/A

DENR Authorized Agent: Jeremy Michels, REHS Signature: [signature] 3/1/2013

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 #: 6866A Permit #: 6026 Tax Parcel #: 001-452-59

Property Owner: Gary Cangelosi

Job Location Address: 16100 Westerly Way

City: Huntersville State: NC Zip Code: 28078

**OPERATION PERMIT CONDITIONS:**

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IVa

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☒ No ☐

☒ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☐ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☒ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Jenny Michele Reits Date: 3/1/13

Signature: Jenny Mich. Reits

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 #: 6866A Permit #: 6026 Tax Parcel #: 001-452-57

Property Owner: GARY Congelosi

Job Location Address: 16100 Wealthy Way

City: Huntersville State: NC Zip Code: 28078

**Installation Approval Issuance Date:** 2/28/13

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 3/28/13, 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.**

Permitted Design Flow: 480 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: Existing gallons

Liquid Capacity of Dosing Tank: Existing gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 2 feet

Line Spacing: 8 feet (O.C.)

Total line length: 67 feet

# of Lines: 2 @ 44.23 feet

Depth of Media: NA inches (Type) PPBPS

Distribution Device: LPP

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: >5' feet

Distance from Property Line: >10' feet

Distance from Water Supply Source: >100' feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

INSTALL Exactly AS DESIGNED BY SYSTEM DESIGN CONSULTANT ON FILE.

Comments: System Classification & Type: IIIa LPP Panel Block System Alteration.

DENR Authorized Agent: Jeremy Micholas, REHS Signature: Jeremy Micholas, REHS

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

Sheet: 1 of 2
Property ID: 001-452-59
Lot #: NA
File #: 6866A
AppID: 6026

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

Owner: Gary Cangelosi
Address: 16100 Weatherly Way, Huntersville, NC 28078
Proposed Facility: 4BR Home
Design Flow (.1949): 480 GPD
Location of Site: 16100 Weatherly Way, Huntersville, NC 28078
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Gary Cangelosi
Date Evaluated: 2/14/2013
Property Size: NA
Property Recorded: NA

| 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 | General Comments | Profile Class & LTAR | Maximum Trench Bottom Depth for 3' Wide Conventional Trench |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Boring #1 | LS 14% | 0 - 6 | Fill SL | | >54 | 54 | NA | NA | | PS IV 0.3 | 36" |
| | | 6 - 40 | mmsbk C | SS SP FR SEXP | | | | | | | |
| | | 40 - 54 | wfsbk CL | SS SP FR SEXP | | | | | | | |
| Boring #2 | LS 14% | 0 - 6 | Fill SL | | >54 | 54 | NA | NA | | PS IV 0.3 | 36" |
| | | 6 - 48 | mmsbk C | SS SP FR SEXP | | | | | | | |
| | | 48 - 54 | wfsbk CL | SS SP FR SEXP | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | P.S. | P.S. |
| System Type(s) | IIIa | IIIa |
| Site LTAR | 0.3 | 0.3 |

Other Factors (.1946):
Soil Evaluation By: Jacob Presley, LSS
Others Present: Jeremy Mickelson, Russell William
Site Classification (.1948): P.S.
Site Evaluation By: Jeremy Mickelson, REHS
Others Present: Jacob Pressley, Jeremy Mickel, Russell William, Gary Cangelosi

**COMMENTS:**

| 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 | | mass-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 | | **Structure Prefixes** |
| D-Drainage Way | | SCL-Sandy Clay Loam | | w-weak |
| | | | | m-moderate |
| | | SiL-Silt Loam | | s-strong |
| | | | | f-fine |
| | IV | SC-Sandy Clay | 0.4 - 0.1 | m-medium |
| | | SiC-Silty Clay | | c-coarse |
| | | C-Clay | | |

| Consistence | Consistence | Mineralogy |
|---|---|---|
| Moist | Wet | SEXP-Slightly Expansive |
| VFR-Very Friable | SS-Slightly Sticky | EXP-Expansive |
| FR-Friable | S-Sticky | |
| FI-Firm | VS-Very Sticky | **Classification** |
| VFI-Very Firm | NP-Non-Plastic | US-Unsuitable |
| EFI-Extremely Firm | SP-Slightly Plastic | PS-Provisionally Suitable |
| | P-Plastic | S-Suitable |
| | VP-Very Plastic | NA-Not Applicable |

**See Attached Sketch of Soil Evaluation Locations**

6866A

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APP 6026

**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:

TAX PARCEL NUMBER: 00145259
STREET ADDRESS: 16100 Weatherly Way
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME: NA
LOT #: _____ LOT SIZE (acres): .62
TOWNSHIP:
○ MECKLENBURG ○ CORNELIUS ◉ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
◉ HOUSE ○ OTHER _____
HEATED SQUARE FOOTAGE: 6866
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2
FOUNDATION TYPE:
○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
◉ CRAWL SPACE ○ BASEMENT 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: 1 NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 0

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? 1992 ☐ UNKNOWN

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

12. PROPERTY OWNER:

NAME: Gary Cangelosi
ADDRESS: 16100 Weatherly Way
CITY: Huntersvill
STATE: NC ZIP: 28078
WORK PHONE: _____
MOBILE PHONE: 704-904-3720
FAX: 704-992-1941
E-MAIL: garycan@bellsouth.net

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Russell B. Williams
ADDRESS: 4711 Rocking Horse Dr.
CITY: Maiden
STATE: NC ZIP: 28650
WORK PHONE: 980-429-1580
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

**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.

GSC (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. A PROPOSED PLOT PLAN is required to be submitted with each application.

Gary Caneglosi — 2/11/13

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

---

*OFFICE USE ONLY*

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

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

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

APPLICATION PROCESSED BY: lws

GWS FILE NUMBER ASSIGNED: 6866A

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

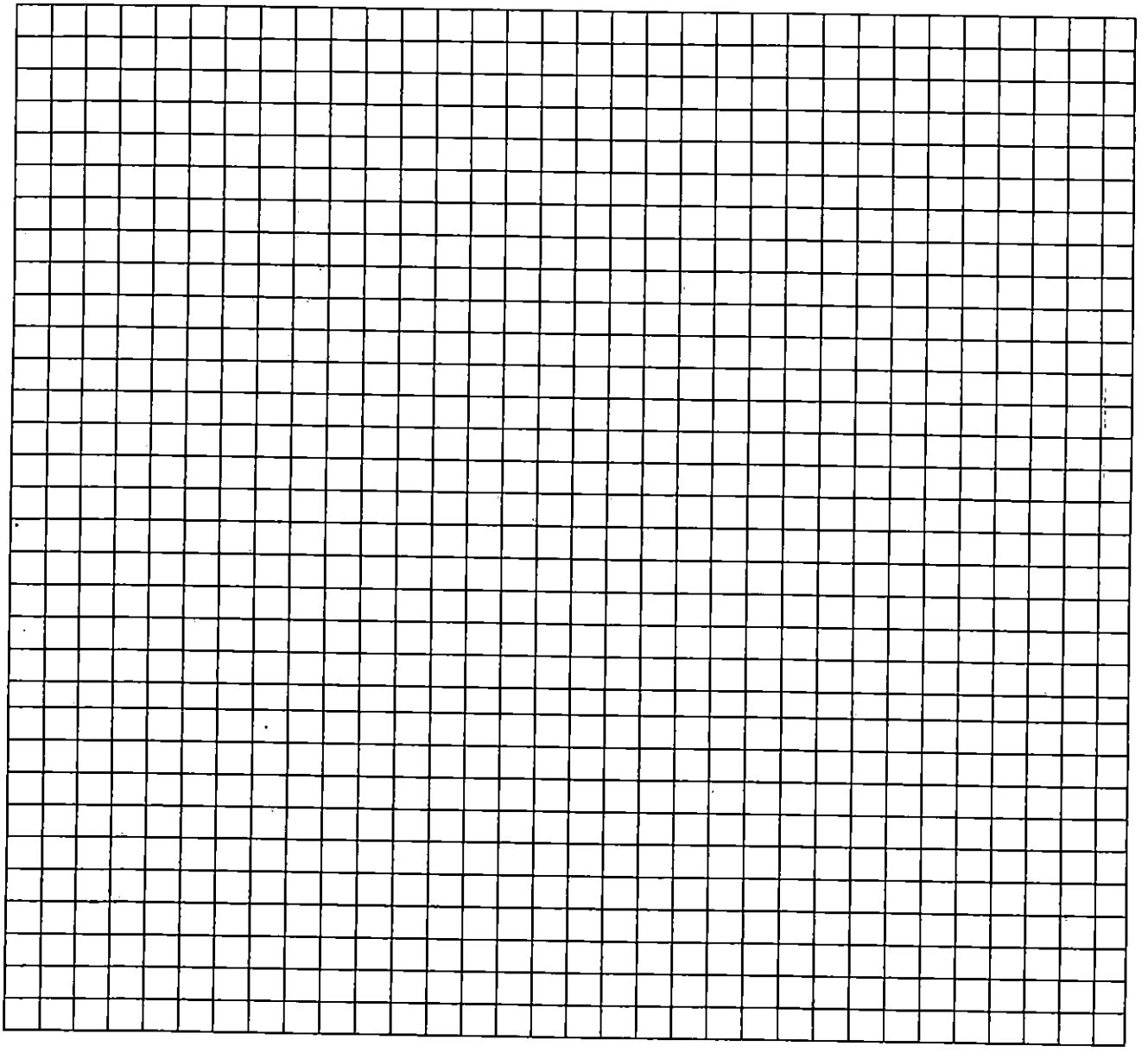
File #: _____

## PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: _____ Tax Parcel #: _____

Subdivision Name: _____ Lot #: _____



_____ _____

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

**WASTEWATER SOLUTIONS & DESIGN**

4711 Rocking Horse Dr. Maiden, NC 28650

**DEAR LORI IVESTER JACKSON,** **2-3-13**

On 2-1-13 a septic site evaluation was done at 16100 Weatherly Way, Huntersville, NC. The property is currently owned by Gary S Cangelosi. The home is currently permitted for a three bedroom septic system and utilizes a "T & J" panel system also known as a PPBPS system. There is 200' of low pressure panels installed and 200' of repair designated on the lot for future use. The evaluation is being done to see if a fourth bedroom could be added to the house.

My initial evaluation concluded that there is no additional land area available to expand the septic system without using the original repair area which is not allowed. Upon further investigation a "Pretreatment" system could be incorporated into the system and you can relax the 50' setback off the lake to 35'. This gives you 15' plus we had 3' more which gives you 18' and enough room for 140' of PPBPS drain line and making the fourth bedroom possible (see site plan). According to previous soils work done by Mecklenburg County to add one bedroom would require 67' of drain line installed and 67' of repair area. The pretreatment system would not have to be installed for the additional bedroom but could be left as part of the 267' of total repair area required. The expansion line of 67' could be installed in the original repair area 50' off the lake.

There is one possible problem which needs to be addressed. On the physical survey of the property there is a dashed setback line prepared by RB Phar, 1988 which runs along the seawall. When I made my measurements I used the seawall as the 760' elevation contour line. The actual survey line is approximately ten feet to the inside of the seawall. I don't know if that is an offset line or the actual 760 contour line. A new survey or an amended explanation should be done to make this area more clear as to the actual 760' contour line.

The current septic system has a maintenance contract with TCW Inc. and the system appears to be functioning properly.

Mecklenburg County Environmental Health has the final right of approval for any septic expansion permits.

If you have any questions regarding this report please call me @ 980-429-1580.

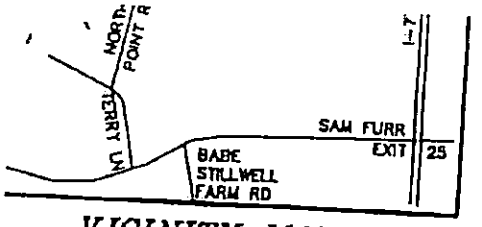
Wastewater Solutions & Design

SINCERELY

Russell B. Williams

**Russell B Williams**

4711 Rocking Horse Dr. Maiden, NC 28650




VICINITY MAP
NO SCALE

PROFESSIONAL LAND SURVEYOR

Septic System Site Plan . 2-3-13

LAKE NORMAN

16100 Weatherly Way
Huntersville NC

DASHED LINE PER MAP BY RB PHARR
FOR JOHN F. YOUNGBLOOD & wf. NITA
DATED MAY 9, 1988

New drainlines w/ Pretreatment

N 58°21'14"E 40.20'
S 89°28'46"E 107.60'
N 65°38'46"E 51.10'
SEAWALL
#4 REBAR
STONE PORCH
STONE PORCH
GAZEBO 12'x15'
1-1/2 STORY FRAME
PORCH
BREEZEWAY
GARAGE
CARPORT
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E14 E15
ST
PT
35.75'
15.83'
N 04°21'46"W 54.90'
N 16°17'39"W 45.70'
S 11°05'56"E 195.62'
66.88'
77.31'
20.63'
20.11'
28.15'
43.54'
32.21'
73.73'
N 88°41'51"W 184.98'
1/2" PIPE
#5 REBAR
Drive
Existing Lines
Existing 1250 gal Septic Tank
Bed System & Irrigation

LOT 2
JOHN F. YOUNGBLOOD
& wf. NITA W.
5566-688
001-452-05

LAKE NORMAN

LOT 3
RICHARD E. KILLOUGH
& wf. KAY K.
5992-249
001-452-58

N 08°33'31"W 47.74'
N 01°56'58"E 119.59'
S 02°28'20"W 117.97'
S 86°45'57"W 16.00'
WEATHERLY WAY

≈ Scale 1" = 40'

BASED ON DB 12114-605 4/16/2001

ELEVATION REFERENCE CHART

| NUMBER | ELEVATION | DESCRIPTION |
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| E1 | 762.3 | AIR CONDITIONING PAD |
| E2 | 763.0 | FINISH FLOOR EQUIPMENT ROOM |
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| E12 | 767.7 | GROUND |
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NOTE: ELEVATIONS BASED ON LAKE NORMAN ELEVATION AT 3:00 PM, DECEMBER 5, 2001, WHICH WAS 753.5'.

HYSICAL SURVEY

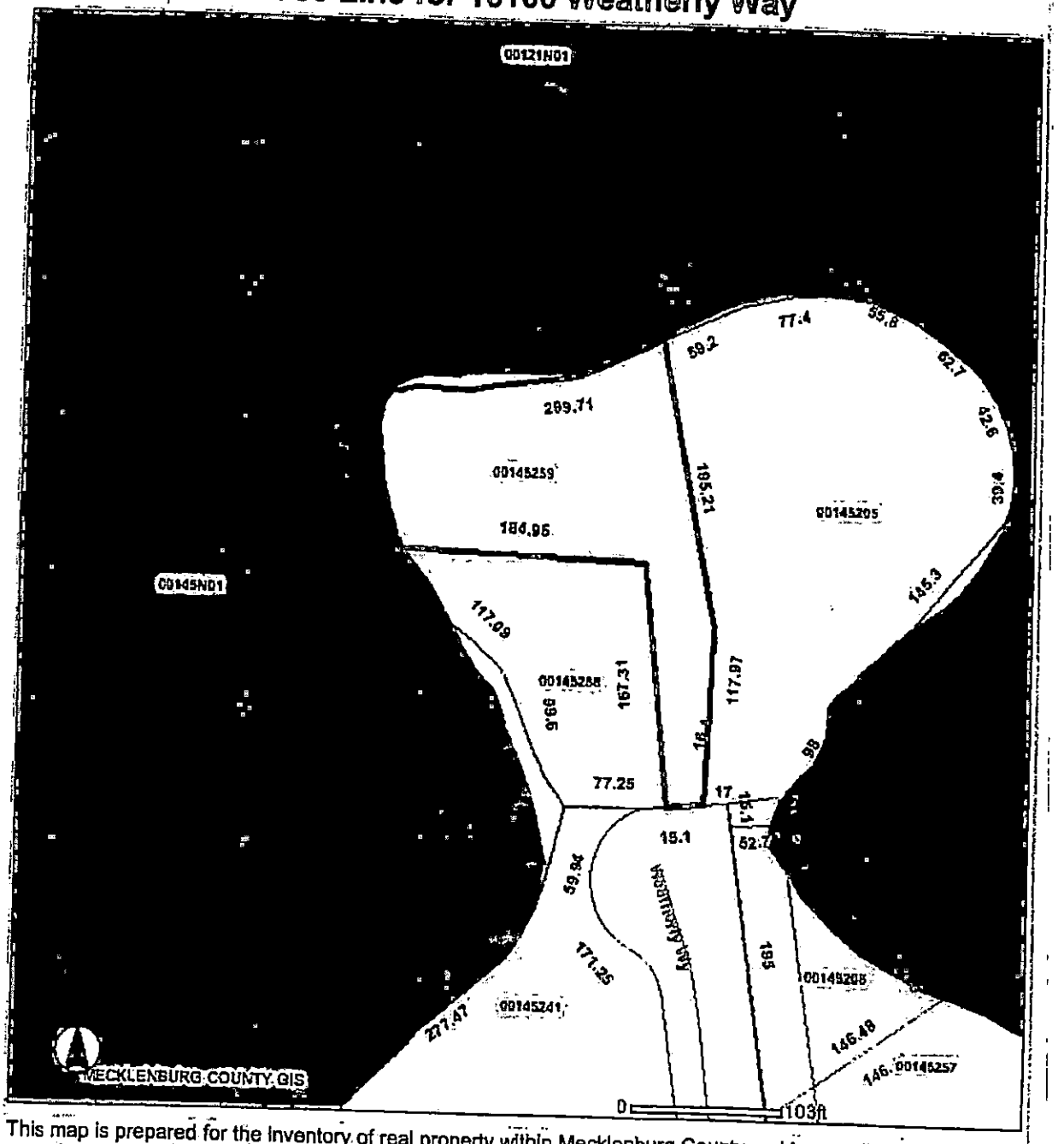
*Mecklenburg County, North Carolina*

# POLARIS

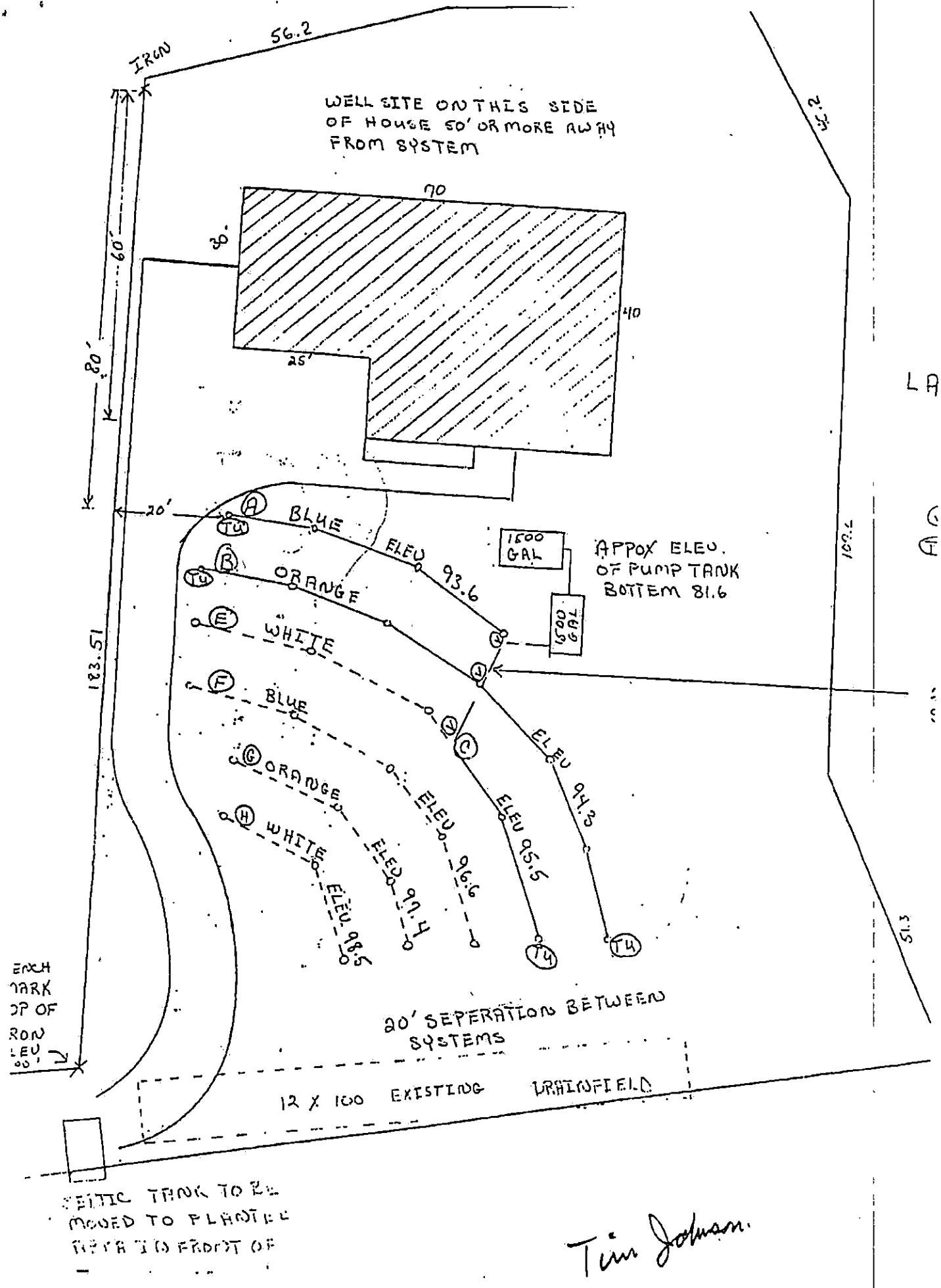
***Property Ownership Land Records Information System***

Date Printed: Sat Feb 2 14:27:15 EST 2013

## 760 Line for 16100 Weatherly Way




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.


IRON
56.2
WELL SITE ON THIS SIDE OF HOUSE 50' OR MORE AWAY FROM SYSTEM
70
30
40
25'
60'
80'
20'
183.51
BLUE
ELEV 93.6
ORANGE
WHITE
BLUE
ORANGE
WHITE
ELEV 96.6
ELEV 94.3
ELEV 95.5
ELEV 91.4
ELEV 98.5
1600 GAL
1500 GAL
APPOX ELEV. OF PUMP TANK BOTTEM 81.6
100.4
51.3
20' SEPERATION BETWEEN SYSTEMS
12 X 100 EXISTING DRAINFIELD
SEPTIC TANK TO BE MOVED TO PLANTED AREA IN FRONT OF
Tim Johnson.

# *MECKLENBURG COUNTY*
# *LAND USE AND ENVIRONMENTAL SERVICES*
## *Payment Receipt*

**Receipt Information**

**Date:** 02/11/13
**Receipt #:** 81855
**Check / Auth #:** VISA 976205
**Received By:** SADERLW

**Amount:** 300.00
**Tendered:** 300.00
**Returned:** 0.00

**Account Information**

**Account #:** 200000
**Contractor:** CANGELOSI GARY
**Attn:**
**Address:** 16100 WEATHERLY WAY
**Address:**
**City/State/Zip:** HUNTERSVILLE, NC 28078

| Item | Description | Permit# | Quantity | Unit Price | Total Price |
|---|---|---|---|---|---|
| 0706 | MH Exc/Add/Repl w/System Mod | | 1 | 300.00 | 300.00 |

REV COLLECTION ENVHEALT
700 NORTH TRYON STREET
CHARLOTTE, NC. 28202

TERMINAL I.D.: 003194000080134504760 3

MERCHANT #: 8013450476

VISA
[illegible]5991 K
SALE
RECORD #: 2 INV: 000002
DATE: FEB 11, 13 TIME: 12:39
BATCH: 12
AUTH: 976205
AVS RESPONSE: Y
CVV2 RESPONSE: S

ADDRESS AND 5 DIGIT ZIP MATCH

TOTAL $300.00

CARD BALANCE: $0.00

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO CARD ISSUER AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)

CUSTOMER COPY

**Outstanding Balances**

| Month-To-Date | Prior Month | 30 Days | 60 Days | 90 Days | Balanc |
|---|---|---|---|---|---|
| [illegible] | [illegible] | | | | |

## Sader, Linda

**From:** Gary Cangelosi [garycan@bellsouth.net]
**Sent:** Monday, February 11, 2013 10:36 AM
**To:** Sader, Linda
**Subject:** 16100 Weatherly Way
**Attachments:** SKMBT_C22013021111331.pdf; SKMBT_C22013021111340.pdf

Dear Linda:

See attached two application forms. I want to add a fourth bedroom to an existing 3-bedroom septic system. A consultant, Russell Williams, has already done a field survey to determine if there is room to add on to the existing system, and he has concluded that there is room and has prepared a contract to perform these services. Do I need to complete and pay for both forms?

See attached.

Thanks,

Gary Cangelosi
16100 Weatherly Way
Huntersville, NC 28078
Bus: 704-992-1678
Fax: 704-992-1941
Cell: 704-904-3720
E-mail: garycan@bellsouth.net

## CONDITIONS OF IMPROVEMENT PERMIT for an ALTERATION TO AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit Number: 6866A

Tax Number: 00145259

- 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:

| | | | |
|---|---|---|---|
| 0.3 Long-term acceptance rate (GPD/ft^2) | 480 Max gallons/day wastewater flow | 134 Absorption Area (ft^2) | 8 Trench spacing (min. on centers) (ft) |
| Serviced by private well: ☐ Yes ☒ No | EXIS Gallon septic tank | 67 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.) |
| 4 Bedrooms in residence | EXIS Gallon pump tank | NA Depth of media (in) | |

Any surface water present: YES Type: Lake Norman Minimum separation distance (ft): 50'

Additional conditions: **System alteration for the addition of one bedroom (4 total). Install septic alteration exactly as designed by system design consultant.**

**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:

| | | | |
|---|---|---|---|
| 534 Absorption Area (ft^2) 267 Total trench length (ft) | NA Depth of media (in) | 8 Trench spacing (min. on centers) (ft) | 30 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 Approval is granted by this Department.

*** This Improvement permit is transferable.

Jenny Burke. REHS 2/15/13
DENR Authorized Agent Date

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

Doug S. Caraglesi 2/19/13
Owner/Agent Signature Date

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

## CONDITIONS OF IMPROVEMENT PERMIT for an ALTERATION TO AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

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Any surface water present: **YES** Type: **Lake Norman** Minimum separation distance (ft): **50'**

Additional conditions: **System alteration for the addition of one bedrrom (4 total). Install septic alteration exactly as designed by system design consultant.**

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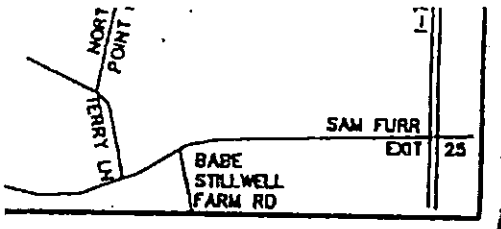
Jerry Rule REHS 2/15/13

DENR Authorized Agent Date

Owner/Agent Signature Date

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




VICINITY MAP
NO SCALE

Rufus Yoakley Land Surveyor

# Septic System Site Plan for 16100 Weatherly Alteration/Expansion of 1-BR - Way, Huntersville LTAR of 0.3; 120 gal/day with 50% Red-PPBPS is-T&J-Panel Line of 2'x67', Total 4-BR,

Lake Norman

DASHED LINE PER MAP BY RB PHARR FOR JOHN F. YOUNGBLOOD & wf. NITA DATED MAY 9, 1988

Boring 2

#4 REBAR

SEAWALL

N 58°21'14"E 40.20'

S 89°28'46"E 107.60'

N 65°38'46"E 51.10'

335.0± Elev.

New Repair Area w/s Pretreatment

LOT 2
JOHN F. YOUNGBLOOD
& wf. NITA W.
5566-688
001-452-05

GAZEBO

STONE PORCH

STONE PORCH

E13

E15

E3

1-1/2 STORY FRAME

Existing PPBPS Lines 200' total

New PPBPS Line 2'x67'

E6 E2

E4

E11

E12

PORCH

BREEZEWAY

E10

E7

PT

E1 GARAGE E5

E8 CARPORT E9

Remaining Original Repair Area

Boring 1

N 04°21'46"W 54.90'

N 16°17'36"W 45.70'

S 11°05'56"E 195.62'

66.88'

20.63'

20.11'

28.15'

43.54'

32.21'

73.73'

143.04'

1/2" PIPE

N 88°41'51"W 184.98'

#5 REBAR

LAKE NORMAN

LOT 3
RICHARD E. KILLOUGH
& wf. KAY K.
5992-249
001-452-58

N 08°33'31"W 47.74'

N 01°56'58"E 119.59'

S 02°28'20"W 117.97'

S 86°45'57"W 16.00'

WEATHERLY WAY

Scale 1" = 40'

BASED ON DB 12114-605 4/16/2001

ELEVATION REFERENCE CHART

| NUMBER | ELEVATION | DESCRIPTION |
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NOTE: ELEVATIONS BASED ON LAKE NORMAN ELEVATION AT 3:00 PM, DECEMBER 5, 2001, WHICH WAS 753.5'.

PHYSICAL SURVEY

## PPBPS SEPTIC SYSTEM SPECIFICATIONS

Expansion / Alteration 16100 Weatherly Way

Lot # 1 Number of bedrooms 1 GPD Flow 120 LTAR 0.3

Total Linear Feet Required 67' Maximum Trench Depth 36

System Type IV Number of Laterals 2 Width & Length of Trench 2'x44', 2'x23'
use same value

Designed Flow 120 LTAR 0.3 50% Reduced System ( T & J Panel System )

Needed Flow to Field 9.44 gal/min .59 gal/min @ 20' Head.

Existing System

Supply Line Length _____ 2" sch-40 pvc

Septic Tank Size 1500 gal, Size of Pump Tank 1000 gal.

Dosing Volume _____ gal.

Tank Draw Down _____ inches (approx. 21 gal/inch in 1000 gal pump tank)

Estimated Pump run Time >5 min.

Type of Distribution LPP

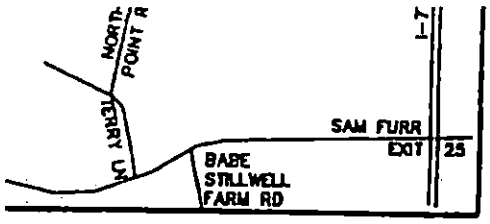
Existing

Elevation Head _____ ft. , Pressure Head 20 ft., Friction Head _____ ft.,

Total Dynamic Head (TDH) _____ ft. ~~X~~ Will Field Test Pump for New line.
IF Flow & Head is not met a new pump will be installed.

Total Lateral Length 67 ft. Lateral Pipe Size for Distribution 1¼ inch sch 40,

Total Number of Panels 16 Hole Size 3/16 inch, Flow per Hole .59 gal/min
@ 2.0 Ft Head




VICINITY MAP
NO SCALE

Kurtis Jackson L
PROFESSIONAL LAND SURVEYOR

# Septic System Site Plan for 11400 Weatherly Alteration/Expansion of 1-BR - Way Huntersville LTAR of 0.3; 120 gal/day with 50% Red-PBPS is-T&J-Panel Line of 2'x67', Total 4-BR

Lake Norman

DASHED LINE PER MAP BY RB PHARR
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1-1/2 STORY
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N 88°41'51"W 184.98'

1/2"
PIPE

#5
REBAR

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JOHN F. YOUNGBLO
& wf. NITA W.
5566-688
001-452-05

Existing PBPS Lines 200 total

New PPBPS-Line
2'x 67'

2'x44'

2'x33'

Remaining Original Rea Area

LAKE
NORMAN

LOT 3
RICHARD E. KILLOUGH
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5992-249
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NOTE: ELEVATIONS BASED ON LAKE NORMAN ELEVATION AT 3:00 PM, DECEMBER 5, 2001, WHICH WAS 753.5'.

PHYSICAL SURVEY

**App. #:** 6026

Septic Fee: 300.00

Date: 2/11/2013

CRT[ ]

**PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT FOR ONSITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL**

**MECKLENBURG COUNTY HEALTH DEPARTMENT GROUNDWATER & WASTEWATER SERVICES**

**FILE #** 6866A

Well Fee:

Date:

CRT[ ]

SEPTIC / TYPE APPLICATION: ○ N/A ○ NEW SYSTEM ◉ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

WELL / TYPE APPLICATION: ◉ N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

**JOB LOCATION INFORMATION:**

TAX / PARCEL #: 00145259 ☐ PO

STREET ADDRESS: 16100 WEATHERLY WAY

CITY: Huntersville

STATE: NC ZIP: 28078

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 0

TOWNSHIP: 06

General Comments:

**BUILDING INFORMATION:**

TYPE OF BUILDING:

○ SINGLE MOBILE HOME (S) ○ MODULAR HOME (M)

○ DOUBLE WIDE (D) ○ MULTIPLE FAMILY (U)

◉ HOUSE (H) ○ OTHER

HEATED SQUARE FOOTAGE: 6866

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING

☑ CRAWL SPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: 0

NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 0

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE?: ○ Yes ◉ No

TYPE:

WATER SUPPLY:

☑ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER

PROPOSED USE OF WELL:

◉ N/A ○ IRRIGATION ○ POTABLE (Drinking Water) ○ OTHER

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

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

RANK: 0 0 0 0 0

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

| | | | |
|---|---|---|---|
| BURIED CABLES, LANDFILLS, STUMPHOLES | ○ Yes ◉ No | GRADING/SOIL REMOVAL PERFORMED | ○ Yes ◉ No |
| EXISTING WASTEWATER SYSTEMS | ◉ Yes ○ No | JURISDICTIONAL WETLANDS | ○ Yes ◉ No |
| WELLS, SPRINGS, OR WATER LINES | ◉ Yes ○ No | APPROVAL REQ'RD BY OTHER AGENCY | ○ Yes ○ No |
| EASEMENTS OR RIGHT-OF- | ◉ Yes ○ No | WASTEWATER OTHER THAN DOM. SEWAGE | ○ Yes ○ No |

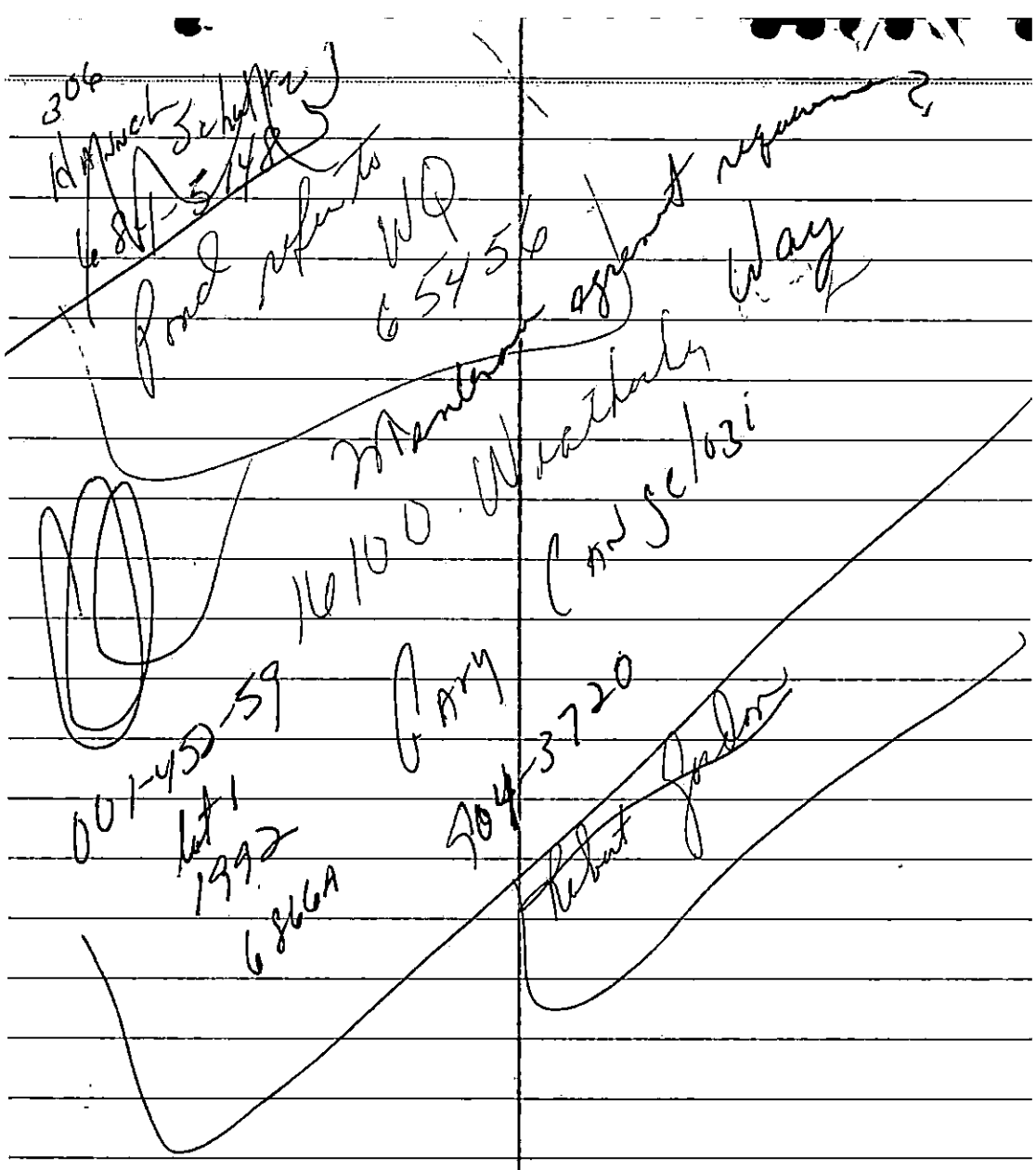
| WAYS | | | |
|---|---|---|---|
| CHEMICAL/PETROLEUM STORAGE TANKS | ○ Yes ◉ No | KNOWN UNDERGROUND CONTAMINATION | ○ Yes ◉ No |
| WASTE STORAGE | ○ Yes ◉ No | GROUNDWATER USE RESTRICTIONS/VARIANCES | ○ Yes ◉ No |

| PROPERTY OWNER: | | LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE: | |
|---|---|---|---|
| NAME: | Gary Cangelosi | NAME: | Russell B Williams |
| ADDRESS: | 16100 Weatherly Way | ADDRESS: | 4711 Rocking Horse Dr. |
| CITY: | Huntersville | CITY: | Maiden |
| STATE: | NORTH CAROLINA | STATE: | NORTH CAROLINA |
| ZIP: | 28078 | ZIP: | 28650 |
| HOME PHONE: | | HOME PHONE: | |
| WORK: | | WORK: | 980-429-1580 |
| MOBILE: | 704-904-3720 | MOBILE: | |
| FAX: | 704-992-1941 | FAX: | |
| EMAIL: | | EMAIL: | |

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? ☐ UNKNOWN

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? ☑ N/A

PRINT | Update | Go to Front Counter | Duplicate



other provisions of this Agreement shall, as so amended, modified, supplemented or otherwise affected by such actions, remain in full force and effect.

IN TESTIMONY WHEREOF, the Parties hereto have executed this Agreement in duplicate originals, one of which is retained by each of the Parties, the day and year first above written.

X _____ STEPHEN A. DEUSCH
(Owner)

6866A

Attest:

9 MAY 2013

Russell B. Williams
(Contractor)

Attest:

5-9-13

**Wastewater Solutions & Design**

Russell B Williams
" *Wastewater Specialist*"
4711 Rocking Horse Dr
Maiden, NC 28650
Ph. 980-429-1580
Fax. 828-428-3028 rwilliams9534@bellsouth.net
Certified Septic Installer, Inspector & Operator"

Subsurface Operator # 986944

INSPECTION AND MAINTENANCE AGREEMENT

STATE OF NORTH CAROLINA

COUNTY OF Mecklenburg

This agreement is made and entered into this 9 day of May, 2013, by and between Stephen Deutsch (hereinafter referred to as the "Owner") and Russell B. Williams (hereinafter referred to as the "Contractor").

WITNESSETH

WHEREAS, the Owner owns or controls the property upon which a ground absorption sewage treatment system (hereinafter "system") is installed, such system being designated a Type 4A system under the Rules for Sanitary Sewage Collection, Treatment and Disposal found at 15A N.C. Administrative Code 18A.1900 et seq.; and

WHEREAS, 15A N.C. Administrative Code 18A.1961 requires a contract to be executed between the system owner and a management entity prior to the issuance of an Operation Permit for said system; and

WHEREAS, 15A N.C. Administrative Code 18A.1961 requires that a condition of the Operation Permit for said system be that a properly executed contract between the system owner and a management entity, shall be in effect for as long as the system is in use; and

WHEREAS, the Contractor is a management entity, of a type authorized by 15A N.C. Administrative Code 18A.1961 to manage a Type 4A system.

NOW THEREFORE, in consideration of the premises and of the mutual covenants and promises contained in this Agreement, it is hereby agreed by and between the Owner and the Contractor as stipulated below.

1. The Contractor's Obligations. The Contractor shall perform the following services on the Owner's system located at 11600 Weatherly Way
Huntersville NC 28078
stephen.deutsch@me.com

a) The contractor shall inspect the system at least at the frequency, required in Table V(b) of 15A N.C. Admin. Code 18A.1961(b) for a Type 4A System.

b) The Contractor shall perform the following routine maintenance procedures in accordance with the conditions of the Operation Permit:
Check sludge and scum levels in septic tank
1) Flush and set pressure in drainlines
2) Check Floats, pump and Alarm in pump tank
3) Check for malfunction and proper operation

c) The Contractor shall report the results of its inspections to the local health department at the frequency specified in Table V (b) of 15A N.C. Administrative Code 18A.1961(b) for a Type 4A System.

d) If an inspection indicates the need for system repairs, the Contractor shall notify the local health

department within 48 hours of the inspection.

e) The Contractor shall notify the Owner of needed repairs, which are outside of the scope of routine maintenance described in subparagraph (b) above. The Contractors shall perform necessary repairs to the system at the request of the Owner and shall be entitled to payment therefor at the Contractor's normal charge for services and materials.

f) The Contractors shall employ or shall contract with a certified operator(s) if required by Table V (b) of 15A N.C. Admin. Code 18A.1961(b) for a Type 4A System.

g) The Contractor shall respond to a request for a nonscheduled service or maintenance call within 72 hours after receipt of such request.

2. The Owner's Obligations.

a) The Owner shall pay to the Contractor the sum of $ 300.00 per year for periodic inspections, routine maintenance procedures and periodic reports. The annual fee may be amended upon sixty (60) days advance notice to the Owner but may not be increased more than 5 percent per year. The Owner shall pay to the Contractor his normal and customary fees for any work performed on the system as a result of nonscheduled service or maintenance calls. All fees are due and payable within thirty (30) days of billing. Payments due to the Contractor and unpaid by the Owner after thirty (30) days shall accrue interest from the due date until paid at a rate of 1.5 percent per month.

b) Within 15 days of receipt of notice of needed repairs pursuant to paragraph 1.e. above, the Owner shall request the Contractor to complete needed repairs or shall provide to the Contractor evidence that the needed repairs were satisfactorily completed by another entity.

c) The Owner shall provide the Contractor with such access to the system as is reasonably necessary for the Contractor to comply with the terms of this Agreement.

3. Term. This Agreement shall remain in effect until terminated.

a) Automatic Termination.
This agreement shall automatically terminate if the Operation Permit for the system is revoked and all appeals of the revocation are exhausted or the time for taking an appeal has passed.

b) Termination by Mutual Consent.
The Parties may mutually agree to terminate this Agreement by giving written notice of termination by mutual consent to the local health department thirty (30) days in advance of the date of termination.

c) Termination by the Owner.
The Owner may terminate this Agreement by giving notice to the Contractor and to the local health department thirty (30) days in advance of the date of termination.

d) Termination by the Contractor.

1) The Contractor may terminate this Agreement for cause by giving written notice of intent to terminate this Agreement to the Owner and to the local health department thirty (30) days in advance of the date of termination. Cause shall be defined as:

a) failure to remit payment for any bill for services performed under and in accordance with this Agreement if said bill is not paid within thirty (30) days of receipt by the Owner of the bill. If said bill is paid after notice of termination of this Agreement, the Agreement shall continue in effect; or

b) failure of the Owner to provide to the Contractor authorization to complete needed repairs or satisfactory evidence that needed repairs to the system were completed by another entity within 15 days of receipt of notice of needed repairs pursuant to paragraph 1.e. above. If said authorization to complete needed repairs or evidence of completion of said repairs is provided after notice of termination is given but prior to the date of termination of this Agreement, this Agreement shall continue in effect; or

c) failure of the Owner to allow the Contractor such access to the system as is reasonably necessary in order for the Contractor to comply with the terms of this Agreement.

2) The Contractor may not terminate this Agreement without cause, but may assign its rights and duties under this Agreement as provided in paragraph 4, below.

4. Assignment.

a) Assignment by the Owner.
The Owner shall notify the Contractor of the name and address of any purchaser of the property on which the system is located. The Owner shall also notify any purchaser of the property on which the system is located of the existence of this Agreement and shall assign all rights and duties under this Agreement to said purchaser.

b) Assignment by the Contractor.
The Contractor may assign its rights and duties under this Agreement to another management entity, which is qualified pursuant to 15A N.C. Admin. Code 18A.1961 to manage a Type 4A system upon thirty (30) days written notice to the Owner and to the local health department.

5. Use of Subcontractors. The Contractor may subcontract with such manufacturers, suppliers and contractors as it deems desirable to perform any of the Contractor's duties under this Agreement. The Contractor shall at all times remain responsible for the performance of and payment for all work performed by all subcontractors.

6. Representations. The Parties represent to each other that each has the power, authority and legal right to enter into and perform its obligations as set forth in this Agreement.

7. Regulatory Amendments. References in this Agreement to sections of the Administrative Code shall include such rules as they may be amended in the future.

8. No Implied Waiver. The waiver by either Party, of the default or a breach by the other Party of any provision of this Agreement shall not operate or be construed to operate as a waiver of any subsequent default or breach. The failure at any time of either Party to enforce any provision of this Agreement (a) shall not be construed to be a waiver of such provisions, or of any other provision; and (b) shall not in any way affect the validity of this Agreement, or any part of this Agreement, or the right of either Party thereafter to enforce each and every provision of this Agreement.

9. Notice. Every notice required under this Agreement shall be in writing and shall be deemed sufficiently given if delivered in person or sent by certified or registered mail, return receipt requested, postage prepaid to the Party to be notified and addressed as follows:

To the Owner: Stephen Deutsch
16100 Weatherly Way
Huntersville, NC 28078

To the Contractor: Wastewater Solutions - Russell Williams
4711 Rocking Horse Dr
Maiden, NC 28650 ph 980 429 1580

To the Local Health Department: Mecklenburg County - Wastewater Services
700 N. Tryon St. Suite 211
Charlotte NC 28202

The date of any Notice shall be the date of personal delivery or the date shown on the return receipt as the date of delivery or attempted deliver, as the case may be. Changes in the respective addresses to which notice may be directed may be made from time to time by either Party by notice to the other party.

10. Place of Agreement. This Agreement and any questions concerning its validity, the system construction or performance shall be governed by the laws of the State of North Carolina. notwithstanding the place of execution, or the order in which the signatures of the Parties are affixed.

11. Entire Agreement and Amendment. This Agreement supersedes all prior negotiations, agreements and understandings between the Parties with respect to the subject matter hereof and constitutes the entire Agreement between the Parties with respect to the subject matter hereof. To be effective, any amendment or modification to this Agreement must be in writing and must be signed by the Parties.

12. Severability. In the event that any provision of this Agreement shall, for any reason, be determined to be invalid, illegal or unenforceable in any respect, the Parties shall negotiate in good faith and agree to such amendments, modifications or supplements of or to this Agreement or such other appropriate actions as shall, to the maximum practicable in light of such determination, implement and give effect to the intentions of the Parties as reflected in this Agreement, and the

INSPECTION AND MAINTENANCE AGREEMENT

other provisions of this Agreement shall, as so amended, modified, supplemented or otherwise affected by such actions, remain in full force and effect.

IN TESTIMONY WHEREOF, the Parties hereto have executed this Agreement in duplicate originals, one of which is retained by each of the Parties, the day and year first above written.

X _____

(Owner)

Attest:

_____

Russell B. Williams

(Contractor)

Attest:

5-9-13

**Wastewater Solutions & Design**

Russell B Williams
*" Wastewater Specialist"*
4711 Rocking Horse Dr
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Ph. 980-429-1580
Fax. 828-428-3028 rwilliams9534@bellsouth.net
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