Groundwater & Wastewater Services: Septic Project File & D

Edit Response | Delete Response | Manage Permissions | Workflows | Alert Me

GWS File #:	7016A
WASPS App #:	10443
Primary ES assigned to project:	Heather Ray
Secondary ES assigned to project:	
Project Type:	Repair
Site Evaluation Information: .1939(a)(1) - Topography and Landscape Position Recorded?	Yes
Site Evaluation Information: .1940(a-g) - Slope % Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Texture Class Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Structure Type Recorded?	Yes
Site Evaluation Information: .1939 (a)(2) - Consistence Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Mineralogy Recorded?	Yes
Site Evaluation Information: .1939(a)(3) - Soil Wetness Condition Recorded?	Yes
Site Evaluation Information: .1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded?	Yes
Site Evaluation Information: .1937(m) - Are the Profile Locations Shown?	Yes
Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area?	Yes
Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR	Yes
Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial	N/A
Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial	N/A
Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial	N/A
Information Permit/Construction Authorization: .1945(b) - Repair area shown	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?	Yes
Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct?	Yes
Improvement Permit/Construction Authorization: .1937(g) - Trench width correct?	Yes
Improvement Permit/Construction Authorization: .19379(g) - Trench length correct?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown?	Yes

Repair - Septic File Complete

Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points?	Yes
Corrections/modifications needed?	No
Comments:	
IA issued date:	7/3/2019
OP Issued date:	7/3/2019
Review performed by:	Jeremy Michelone
Date performed:	7/10/2019

Created at 7/10/2019 10:03 AM by Michelone, Jeremy
Last modified at 7/10/2019 10:03 AM by Michelone, Jeremy

Close

MECKLENBURG COUNTY
HEALTH DEPARTMENT

704A #1043

29 MAY 19 AM 8:25

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: 10805112
STREET ADDRESS: 6001 Irwin Road
CITY: Charlotte
STATE: NC ZIP: ~~28226~~ 28215
SUBDIVISION NAME: _____
LOT #: _____ LOT SIZE (acres): 41
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: ± 2000
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 6
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: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ○ MUNICIPAL ⊗ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

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

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*
☐ N/A ☐ ANY TYPE ☒ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** 1 ____ ____ ____ ____

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?** April 2000 ☐ UNKNOWN

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

12. **PROPERTY OWNER:**
NAME: Janice Rea / Lee Rea
ADDRESS: 4000 Rea Road
CITY: Charlotte
STATE: NC ZIP: 28226
WORK PHONE: _____
MOBILE PHONE: 770-598-0997
FAX: _____
E-MAIL: janicelrea@gmail.com

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-5894

Revised on: 03/27/19

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.

_____ (Initial here for septic system applications)

18. 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.

Laura L. Rea
Property Owner's or Owner's Legal Representative Signature

5/28/19
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: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

This home is a rental property which is leased through a property management company. We request as much advance notice as possible prior to a site visit.

In an initial assessment 5/27/19 from a septic service company, they felt we needed additional drain fields to service the home. We request the county's help in determining the amount and location of additional drain fields.

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.

JB (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.

Laura Lee Rea
Property Owner's or Owner's Legal Representative Signature

5/28/19
Date

OFFICE USE ONLY

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

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

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

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-6894

4 8 4

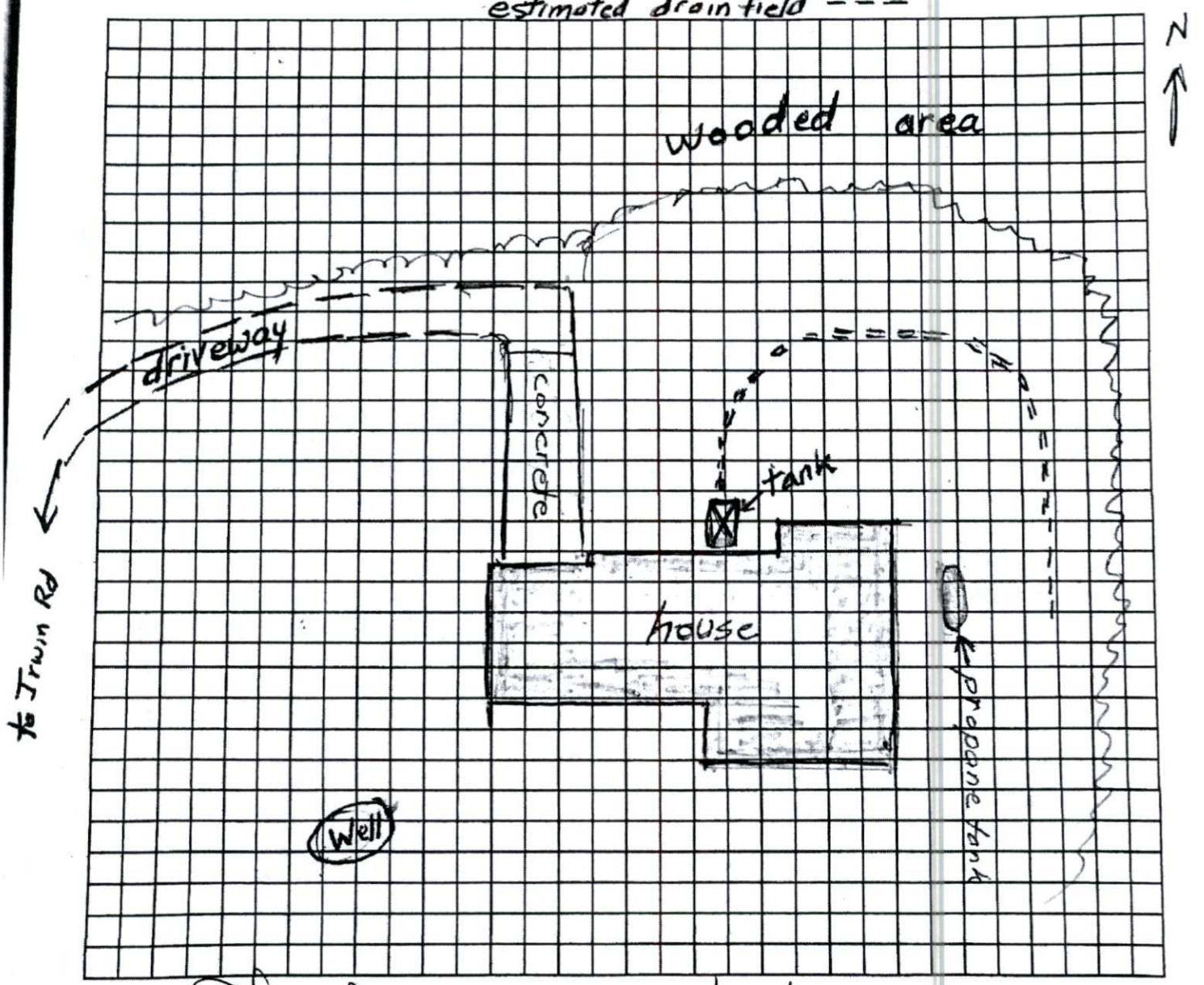
File #: _____

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: 8001 Irwin Rd., Tax Parcel #: 10805112

Subdivision Name: N/A Lot #: _____



Property Owner's or Owner's Legal Representative Signature

5/28/19
Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208, OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

MECKLENBURG COUNTY
Health Department

E. Winters Mabry, MD
Director

(704) 432-3199

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.

2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.

3. I acknowledge that _____ is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

   _____.
   Number Street Town
   (Or Parcel Number)

_____ _____
Property Owner (print name) Property Owner (signature)

_____
Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT

PERMIT INQUIRY FORM for REAL ESTATE TRANSACTIONS

Instructions:

- Please complete all sections of this form and submit to:

  1. E-mail: wellreg@mecklenburgcountync.gov
  2. Fax: (704) 336-6894
  3. OR Mail to:
     Mecklenburg County Health Department (MCHD)
     700 N. Tryon Street, Suite 211
     Charlotte, NC 28202

- No services will be conducted prior to receiving the completed "Inquiry" form in our office.
- Please allow up to three (3) business days for your request to be completed.
- For additional information please call (704) 336-5103.

Tax Parcel Number of property to be researched: **111-131-38**
(Please visit http://maps2.co.mecklenburg.nc.us/website/realestate/viewer.htm to obtain the Tax Parcel Number)

Address of property to be researched: 8125 Starnes Randall Rd. Charlotte, NC 28215

Name of requesting person: Jean Gossett, MECA Realty

Daytime phone number: 980-254-1950

Daytime fax number: _____

E-mail address: jean.gossett@mecarealty.com

Closing date *(If applicable)*: _____

What type of permit information are you requesting for the property listed above?
septic permit, property is being sold.

Office Use Only

MCHD File Number: _____ Date received: _____

Request reviewed by: _____ Date reviewed: _____

Comments:

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

Sheet: 1 of 2
Property ID:10805112
Lot #: NA
File #: 7016A
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: Janice Rea/ Lee Rea
Address:15322 Millview Trace Ln
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location:8001 Irwin Road
Water Supply: [ ] Public [] Individual [X] Well
Evaluation Method: [X] Auger Boring [ ] Pit
Type of Wastewater: [X] Sewage [ ] Industrial Process

Applicant: Janice Rea/Lee Rea
Date Evaluated:6/10/18
Property Size: 41 acres
Property Recorded: Unknown
[ ] Spring [ ] Municipal
[ ] Cut
[ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Boring #1	3%	0-9	SCL, GR	VFR, SS,SP,SEXP		48	NA	NA	Water pouring into hole at 24"	US	
		9-48	CL,W sBK	VFR,SS,SP,SEXP							
Boring #2	2%	0-7	SCL, GR	VFR, SS,SP,SEXP		48	NA	NA	Weak Structure	PS .275	
		18-40	CL,WSBK	VFR,SS,SP,SEXP							
Boring #3	2%	0-5	SL,GR	VFR,SS,SP,SEXP		48	NA	NA	Weak Structure	ps .275	
		5-15	SCL WSBK	VFR,SS,SP,SEXP							
		15-30	C WSBK	VFR,SS,SP,SEXP							
		15-48	CL SBK	VFR,SS,SP,SEXP							

Description	Initial System	Repair System
Available Space (.1945)	na	ps
System Type(s)	na	IIIb
Site LTAR (gpd/sq ft)	**na**	**.275**

Other Factors (.1946): NA
Soil Evaluation By: Heather Ray, REHS
Others Present: Matt Hall
Site Classification (.1948): PS
Site Evaluation By:
Others Present:

Sheet:

FILE #:

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		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



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

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT/CONSTRUCTION AUTHORIZATION for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 7016a Permit #: 10443 Tax Parcel #: 10905112

Property Owner: Janice Rea/Lee Rea

Job Location Address: 8001 Irwin Road

City: Charlotte State: NC Zip Code: 28215

Improvement Permit Issuance Date: _____ **Construction Authorization Issuance Date** 6-11-19

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 permit is granted based upon the application information submitted to our office. This permit expires 5 years from the date it was issued. 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: .275 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1000 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 36 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 440 feet

# of Lines: 4 @ 110 feet

Depth of Media: 12 inches (Type) Quick 4

Distribution Device: Pressure manifold

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: _____ feet

Distance from Property Line: _____ feet

Distance from Water Supply Source: _____ feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

option 1

See attached

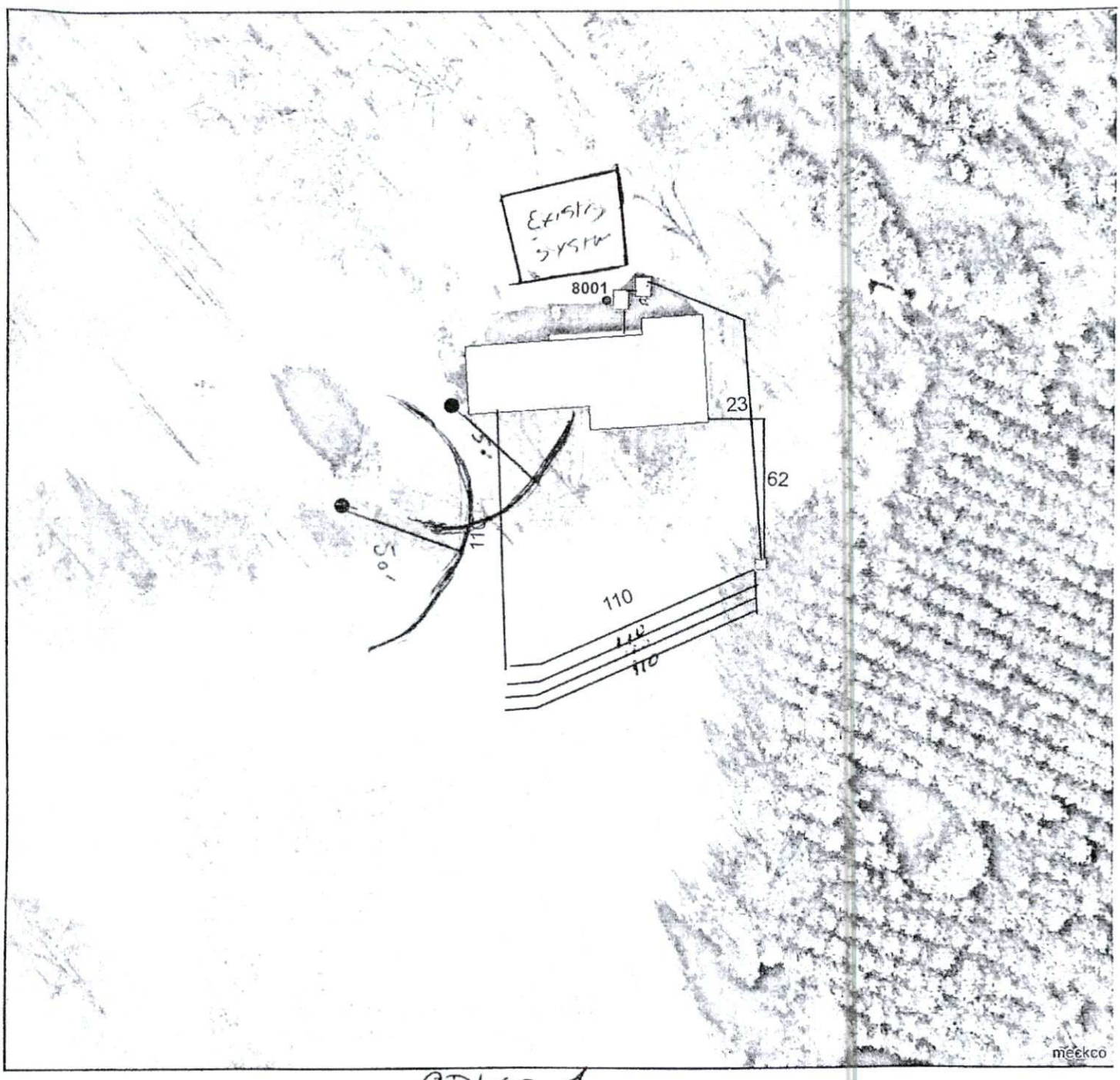
-Set 1000 gallon pump tank
-Pump to pressure manifold
-4 line 110' long

Comments: System Classification & Type: Type IIIB

Authorized Agent: Heather Ray Signature: Heather Ray

Owner Signature: Janice Rea Date: 6/19/19

On-site Wastewater Improvement Permit Diagram



OPtion 1

Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #:300010443
PID #10805112
File #:7016a

4 line 110'
Install 1000 gallon pump tank
Pump to a pressure manifold

Authorized Agent: Heather Ray Date: 6/11/19

Owner/ Legal Agent: [signature] Date: 6/19/19

N

1 inch = 60 fee

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

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

File #: 7016a Permit #: 10443 Tax Parcel #: 10605112

Property Owner: Janice Rea / Lee Rea

Job Location Address: 6601 Irwin Rd

City: Charlotte State: NC Zip Code: 28215

Operation Permit Issuance Date: 7-3-19 Contractor Name: RCS

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: 1000 gallons

Liquid Capacity of Septic Tank: Existing gallons Tank Manufacture J & S Effluent Pump Model: 283 Liberty

Drainfield Installation ☐ N/A

Trench Depth: 32 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 440 feet

# of Lines: 4 @ 110 feet

Depth of Media: 12 inches (Type) Quick4

Depth of Cover: 16" inches

Distribution Device: Pump to dbox

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10+ feet

Distance from Water Supply Source: 50+ feet

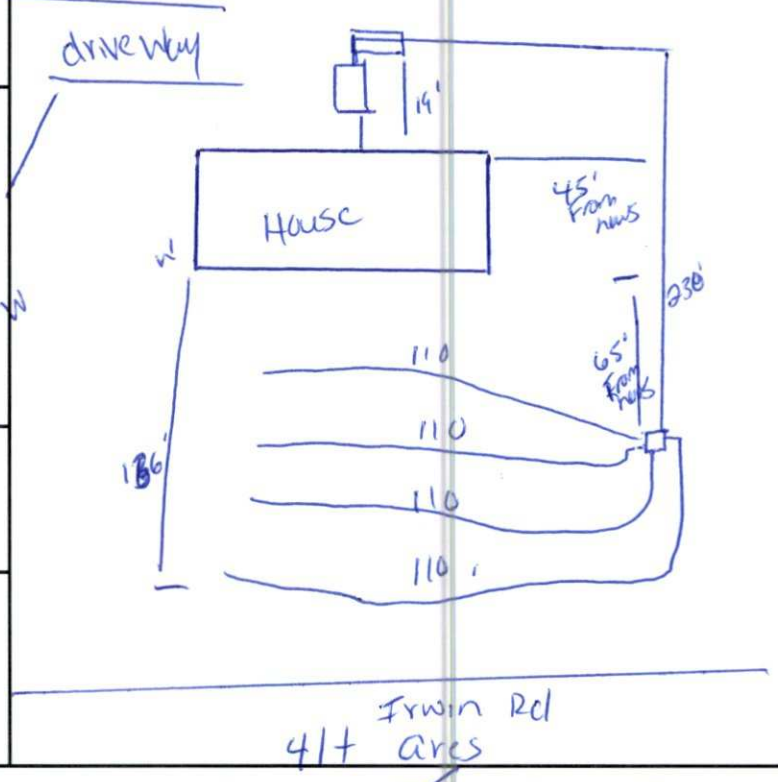
Inspection Dates

Tank(s) Inspected: 7-3-19

Excavation Inspected: 7-3-19

Pump & Controls Inspected: 7-3-19

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIb / Quick4 / P / Nal / NA

DENR Authorized Agent: Heather Reay Signature: Heather Reay

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

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

File #: 7016a Permit #: 10443 Tax Parcel #: 16805112

Property Owner: Janice Rea/Lee Rea

Job Location Address: 8001 Irwin Rd

City: Charlotte State: NC Zip Code: 28215

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: IIIb

*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: Heather Ray Date: 7-3-19

Signature: Heather Ray

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

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT/CONSTRUCTION AUTHORIZATION for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 7016a Permit #: 10443 Tax Parcel #: 10805112

Property Owner: Janice Real/Lee Rea

Job Location Address: 8001 Irwin Road

City: Charlotte State: NC Zip Code: 28215

Improvement Permit Issuance Date: _____ **Construction Authorization Issuance Date** 6-11-19

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 permit is granted based upon the application information submitted to our office. This permit expires 5 years from the date it was issued. 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: .275 GPD/ft^2 (For new installations only.)

Liquid Capacity of Septic Tank: 1000 gallons Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 36 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 440 feet

# of Lines: 4 @ 110 feet

Depth of Media: 12 inches (Type) Quick 4

Distribution Device: Pressure manifold

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: _____ feet

Distance from Property Line: _____ feet

Distance from Water Supply Source: _____ feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Option 1

See attached

- Set 1000 gallon pump tank
- Pump to pressure manifold
- 4 line 110' long

Comments: System Classification & Type: Type IIIB

Authorized Agent: Heather Ray Signature: Heather Ray

Owner Signature: _____ Date: _____

On-site Wastewater Improvement Permit Diagram



OPtion 1

Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #:300010443
PID #10805112
File #:7016a

4 line 110'
Install 1000 gallon pump tank
Pump to a pressure manifold

Authorized Agent: Heather Ray Date: 6/11/19

Owner/ Legal Agent: _____ Date: _____

1 inch = 60 fee