89503

Supervisor/Administrative Professional Checklist

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

New Septic Fees Paid:

IP ($250.00) lwa 5/29/14 Initials/Date

CA ($200.00) lwa 9/23/14 Initials/Date

OP ($200.00) lwa 9/23/14 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)_____ 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 ☑ AM 9/24/14

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

Septic file completed. ☒ JM 5/28/15 Well file completed. ☐ N/A

Send permit for signature. ☑ Signature received. ☑ 9/23/14

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

Certified operator contract is on file. ☐ _____

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

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

File #: 19508 Permit #: 6864 Tax Parcel #: 009-032-37

Property Owner: Conrad Cupit

Job Location Address: 7111 Gilead Road

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 5/28/15 Contractor Name: R+H

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

Liquid Capacity of Septic Tank: 1500 gallons Manufacture Dellinger Effluent Pump Model: ME 45

Drainfield Installation ☐ N/A

Trench Depth: 28 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 406 feet

# of Lines: 7 @ 58 feet

Depth of Media: 12 inches (Type) IQ4W

Depth of Cover: 16 inches

Distribution Device: Pressure Manifold

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: 10 feet

Distance from Property Line: 710' feet

Distance from Water Supply Source: 710' feet

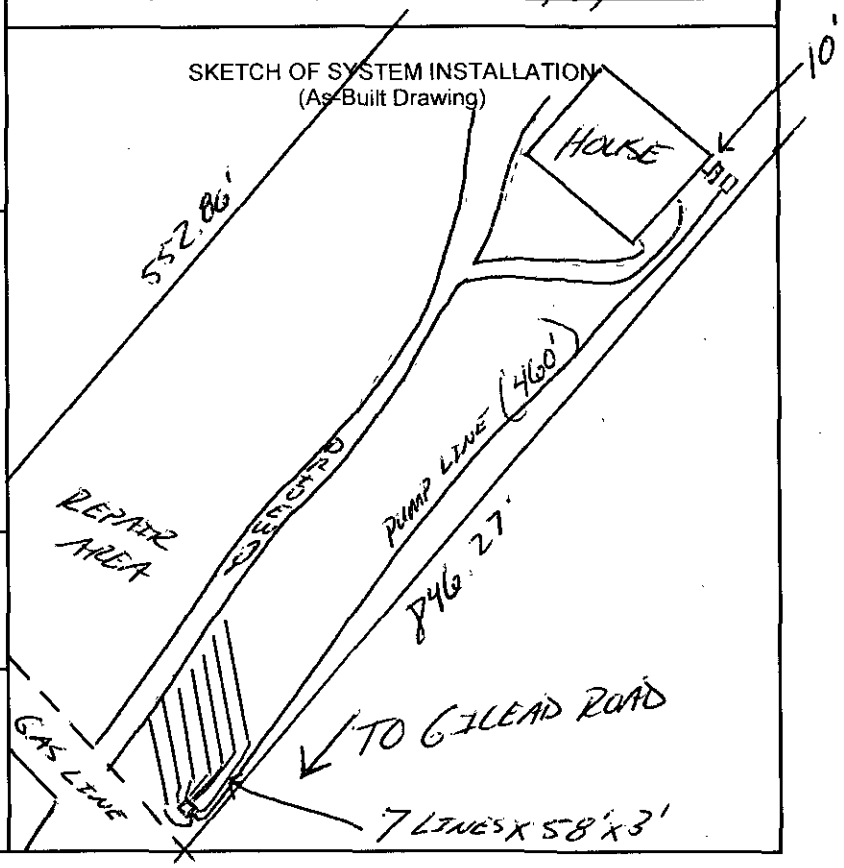
Inspection Dates

Tank(s) Inspected: 5/20/15

Excavation Inspected: 5/20/15

Pump & Controls Inspected: 5/28/15

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

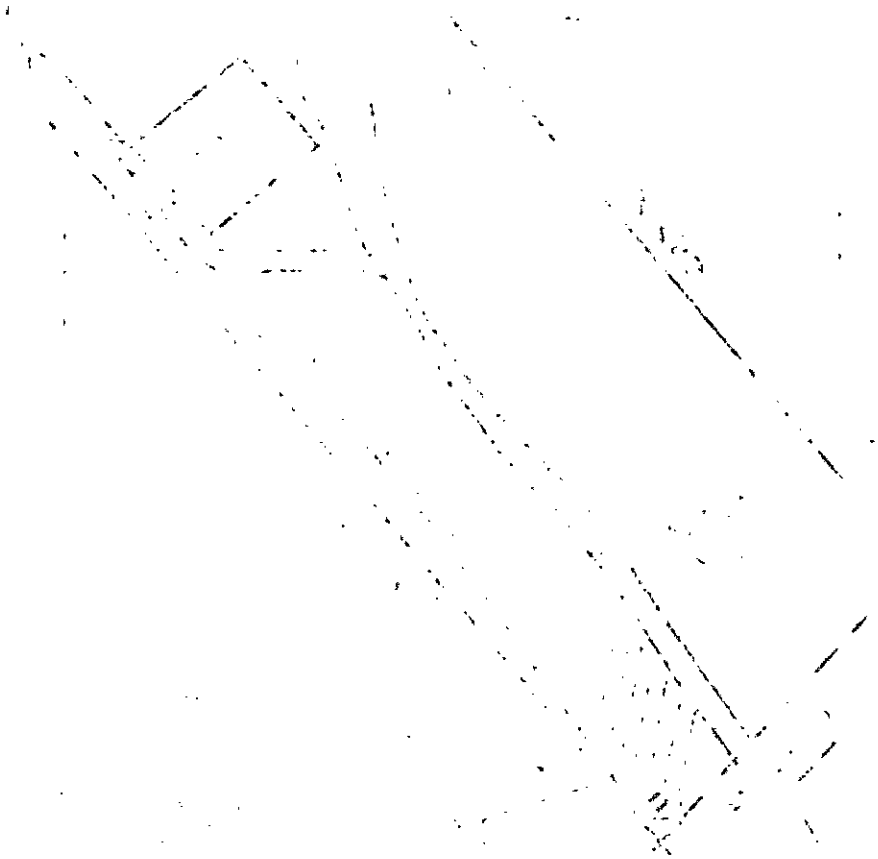


The undersigned has inspected the Septic Tank System described above, and certifies it has been ☐ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" 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: III6, IQ4W, PRESSURE, NA, NA

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



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 #: 27508 Permit #: 6864 Tax Parcel #: 009-032-37

Property Owner: Conrad Curtz

Job Location Address: 7111 Gilead Road

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: 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.

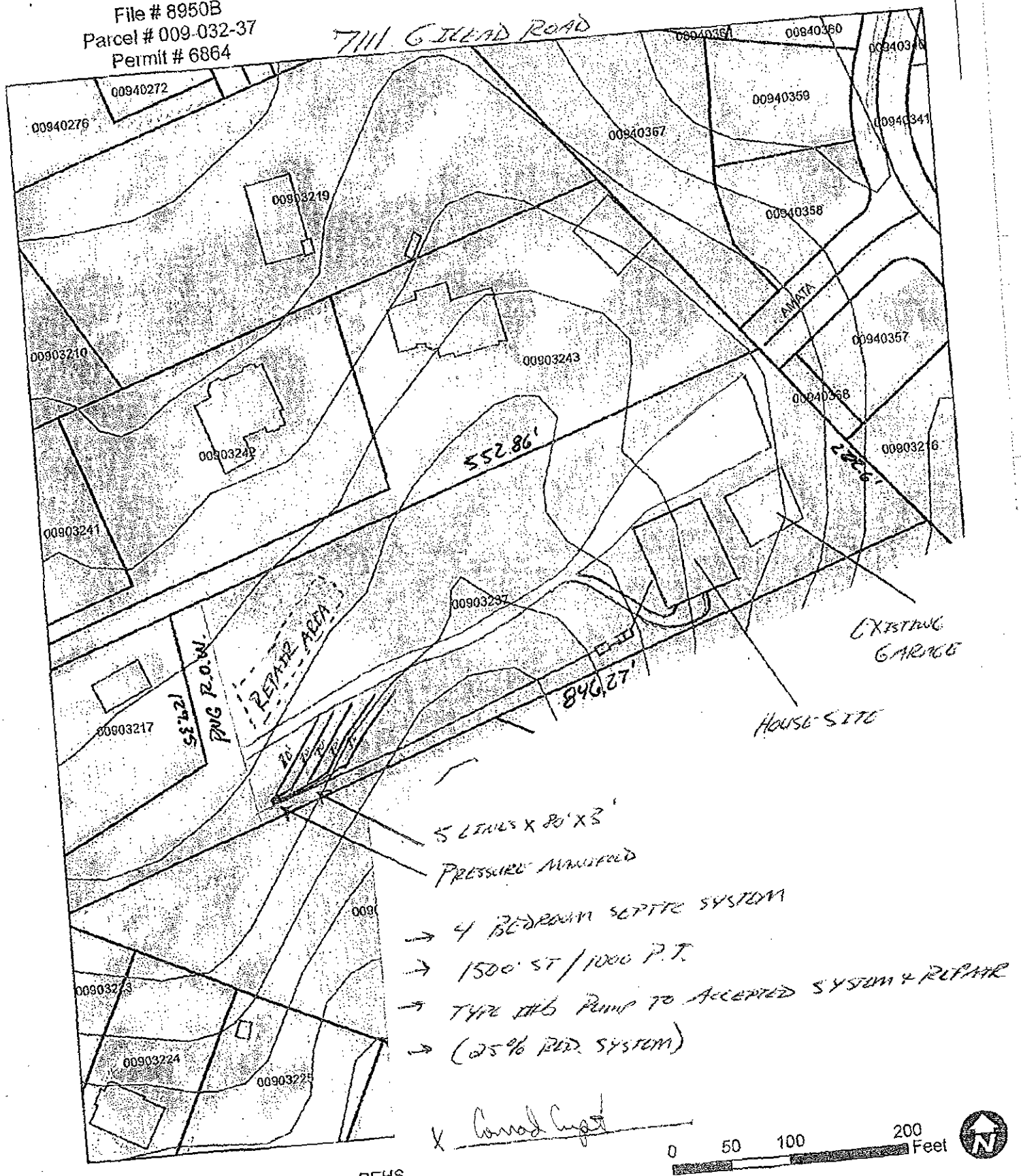
☐ System requires inspection by GWS once every six (6) months. The system owner is *responsible for all fees associated* with the inspection.

V. Other:

DENR Authorized Agent: Jeremy Michelone, REHS Date: 5/28/15

Signature: Jeremy Michelone, REHS

File # 8950B
Parcel # 009-032-37
Permit # 6864



→ 4 BEDROOM SEPTIC SYSTEM
→ 1500 ST / 1000 P.T.
→ TYPE IIB Pump to Accepted System + Riser
→ (25% RED. SYSTEM)

X Conrad Cupit

Map Created By: Jeremy Michelone, REHS
Map Created On: 8/20/14

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 8950B WASPS App #: 6864

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: 7 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 ☐

House location on aerial far away from septic system. To SCALE

Operation Permit

.1937(i)	System type as described in table V(a) of rule .1961	Yes ☒	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☒	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☒	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☒
Operation permit issued	Yes ☒	No ☐	N/A ☐
Other related documentation	Yes ☒	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

IA issued date: 5/18/15

OP issued date: 5/28/15

Review performed by: JAM Date performed: 5/28/15

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

Septic System Pre-Construction Meeting Checklist

File # 89508 App # 6864 Tax Parcel # 009-032-37

Property Owner: CONRAD CUPIT

Job Location Address: 7111 GILEAD ROAD

City: HUNTERSVILLE State: NC Zip Code: 28078

1. **Does System design match facility, flow & wastewater characteristics?**

   ☒ YES ☐ NO

   Comments: _____

2. **Is there sufficient available space for the septic systems initial and repair areas?**

   ☒ YES ☐ NO

   Comments: _____

   _____

3. **Can the septic system be installed per the permit conditions and drawing on file?**

   ☒ YES ☐ NO

   Comments: _____

   _____

*** If "NO" is checked for any of the above the existing permit may need to be revoked.**

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. System shall not be installed while soils are in wet condition.

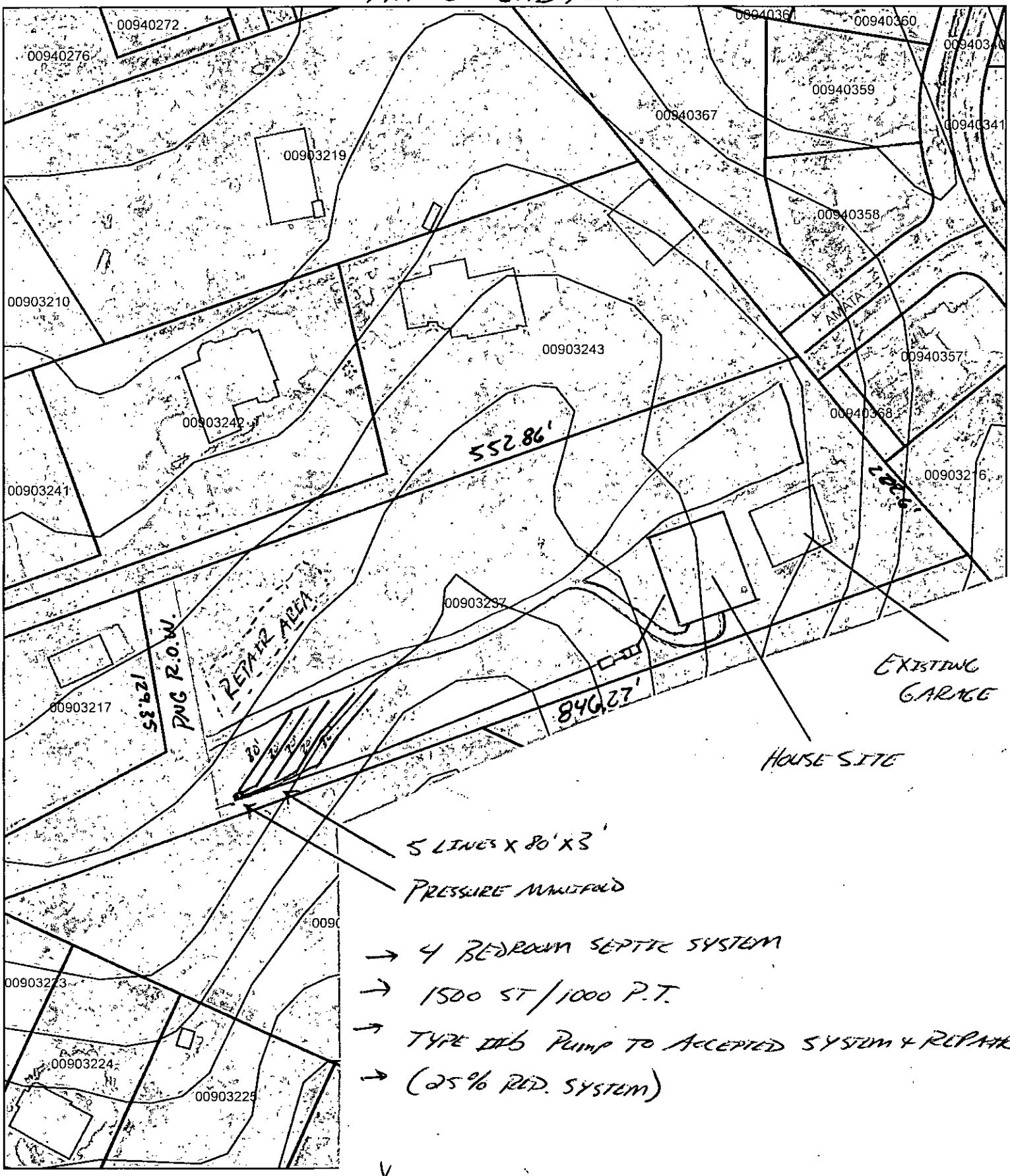
Authorized Agent

5/18/15
Date

ers Present

File # 8950B
Parcel # 009-032-37
Permit # 6864

7111 GILEAD ROAD



Map Created By: Jeremy Michelone, REHS
Map Created On: 8/20/14

0 50 100 200 Feet

8950B

MECKLENBURG COUNTY
HEALTH DEPARTMENT

App #6864

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: 00903237
STREET ADDRESS: 7111 Gilead Rd
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME: N/A
LOT #: N/A LOT SIZE (acres): 3.28
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: 2,200
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 3
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:** ____ ____ ____ ____ ____

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?** _____ ☑ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 6/30/14 ☐ N/A

12. **PROPERTY OWNER:**

NAME: Conrad Cupit
ADDRESS: 16109 Greenfarm Rd
CITY: Huntersville
STATE: NC ZIP: 28078
WORK PHONE: (704) 804-3750
MOBILE PHONE: (704) 804-3750
FAX: _____
E-MAIL: conrad.cupit@edgenmurray.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
700 N TRYON ST SUITE 211 CHARLOTTE, NC 28202 OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

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

CC (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

Property Owner's or Owner's Legal Representative Signature — Date: 5-29-14

OFFICE USE ONLY

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

SEPTIC APPLICATION FEE RECEIVED: $ 250 DATE FEE RECEIVED: 5/29/14

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

APPLICATION PROCESSED BY: [illegible]

GWS FILE NUMBER ASSIGNED: 8950B

APPLICATION ID NUMBER ASSIGNED: 68164

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N TRYON ST SUITE 211 CHARLOTTE NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

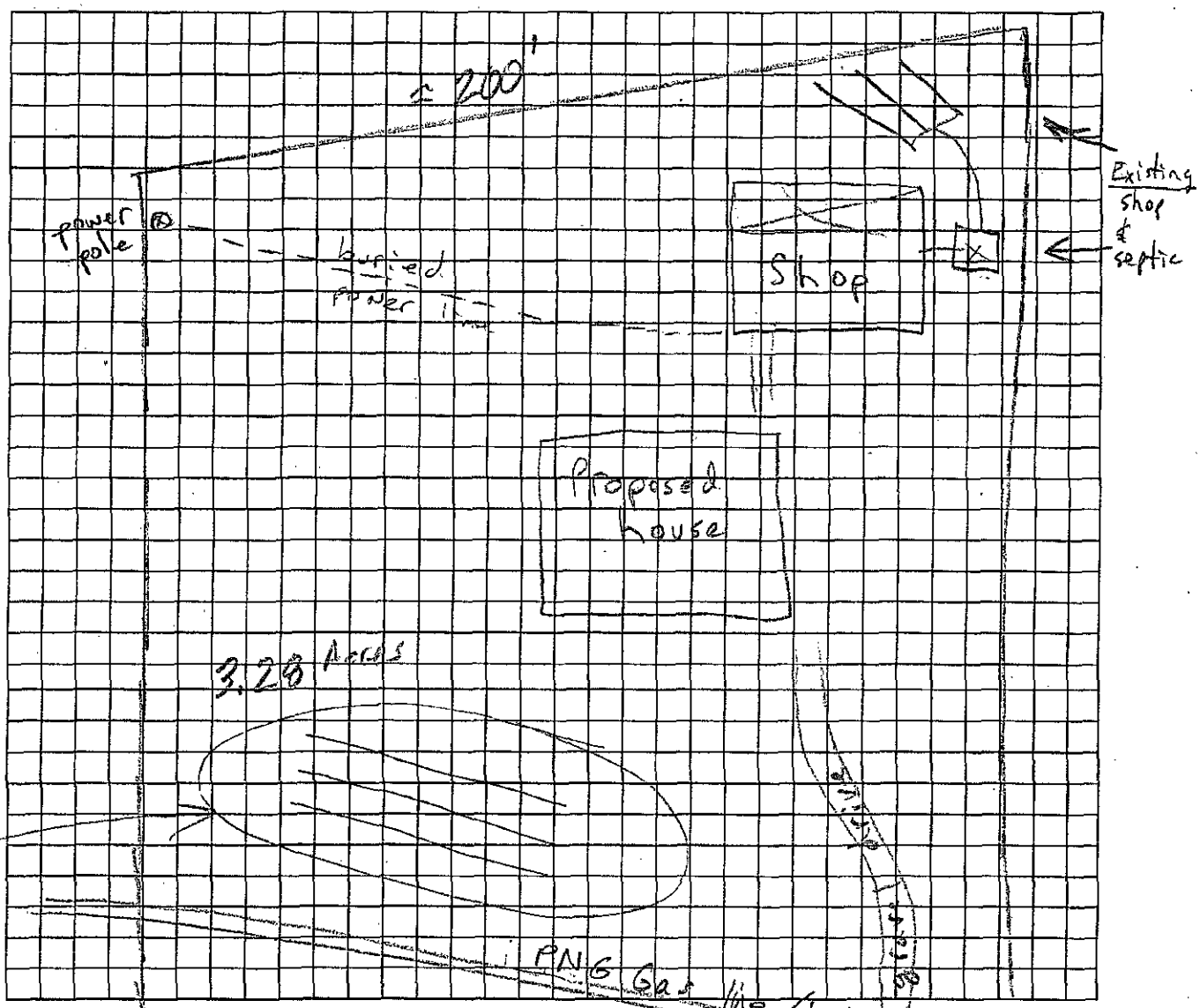
File #: _____

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: 7111 Gilead Rd Tax Parcel #: 00903237

Subdivision Name: N/A Lot #: N/A



Conrad Cupit
Property Owner's or Owner's Legal Representative Signature

5-29-07
Date

* proposed drain field area (where property slopes toward Gilead)

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

Revised on: 12/15/10

Gilead Rd

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

Sheet: 1 of 2
Property ID: 009-032-37
Lot #: NA
File #: 8950B
AppID: 6864

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: Conrad Cupit
Applicant: owner
Address: 16109 Greenfarm Rd, Huntersville, NC 28078
Date Evaluated: 6/12/2014 & 8/18/2014
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Property Size: 3.28 ac
Location of Site: 7111 Gilead Rd, Huntersville, NC 28078
Property Recorded: Unknown
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	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 6%	0 - 31	Fill w/ gravel							US	NA
		31	Auger refusal								
Boring #2	LS 5%	0 - 9	Fill		>50"	50	NA	NA		PS IV 0.3	36"
		9 - 50	mmabk C	FI SEXP							
Boring #3	LS 5%	0 - 20	wfsbk SCL	FR SEXP	>50"	50	NA	NA	saprolite inclusions from 33 - 50"	PS IV 0.3	36"
		20 - 33	mmabk C	FI SEXP							
		33 - 50	wfsbk S CL	FR SEXP							
Boring #4	LS 5%	0 - 3	gr SL	FR SEXP	>50"	50	NA	NA		PS IV 0.3	36"
		3 - 12	wfsbk SCL	FR SEXP							
		12 - 50	mmabk C	FI SEXP							
Boring #5	LS 5%	0 - 5	wfsbk SCL	FR SEXP	>50"	50	NA	NA		PS IV 0.3	36"
		5 - 28	mmsbk C	FI SEXP							
		28 - 50	wfsbk SCL	FR SEXP							
Boring #6	TS 3%	0 - 24	Fill							US	NA
		24	Auger refusal								
Boring #7	LS 3%	0 - 30	Fill w/ gravel							US	NA

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIb	IIIb
Site LTAR (gpd/sq ft)	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHSI, LSS
Others Present:
Site Classification (.1948):Provisionally Suitable
Site Evaluation By: Jeremy Michelone, REHS
Others Present: Wrye Youngblood

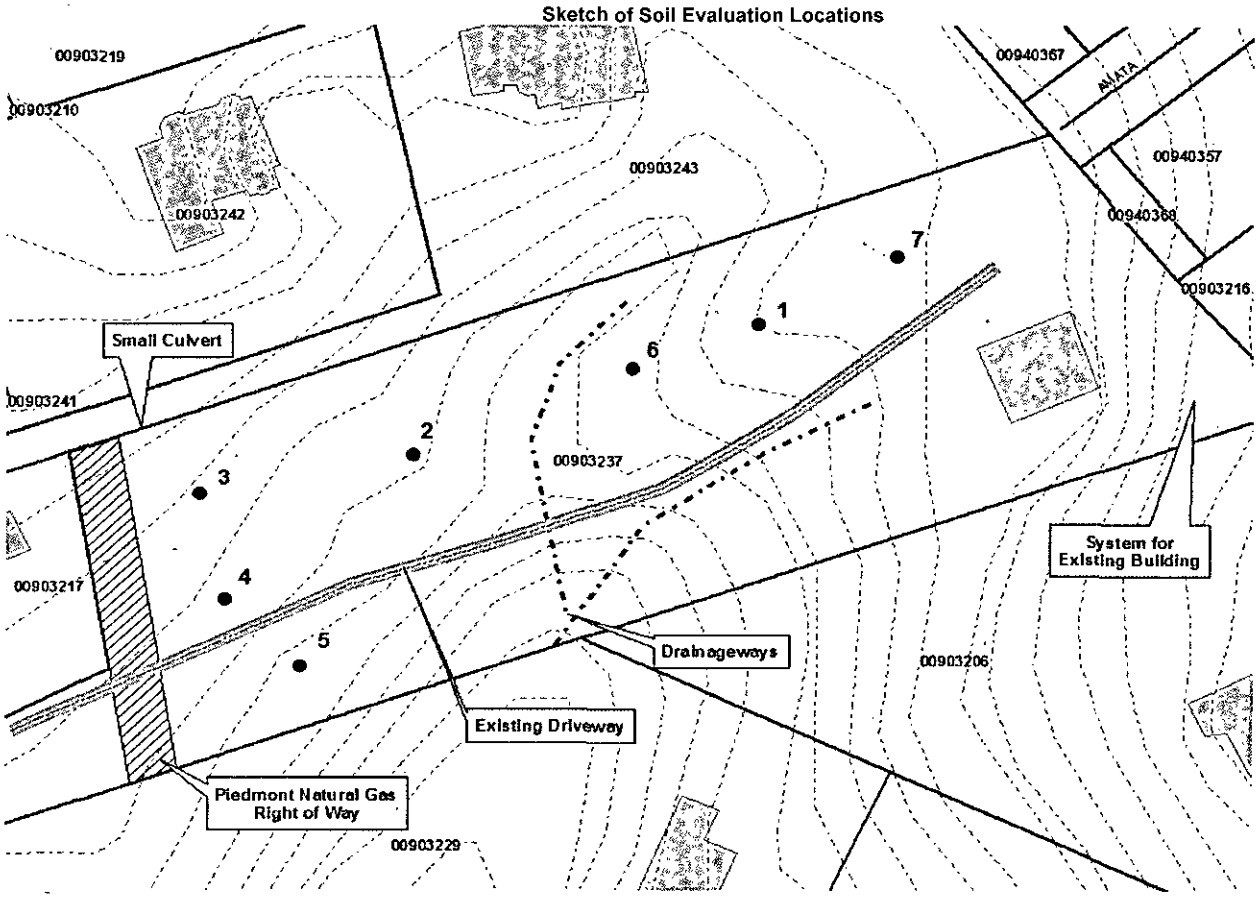
Jeremy Michelone, REHS

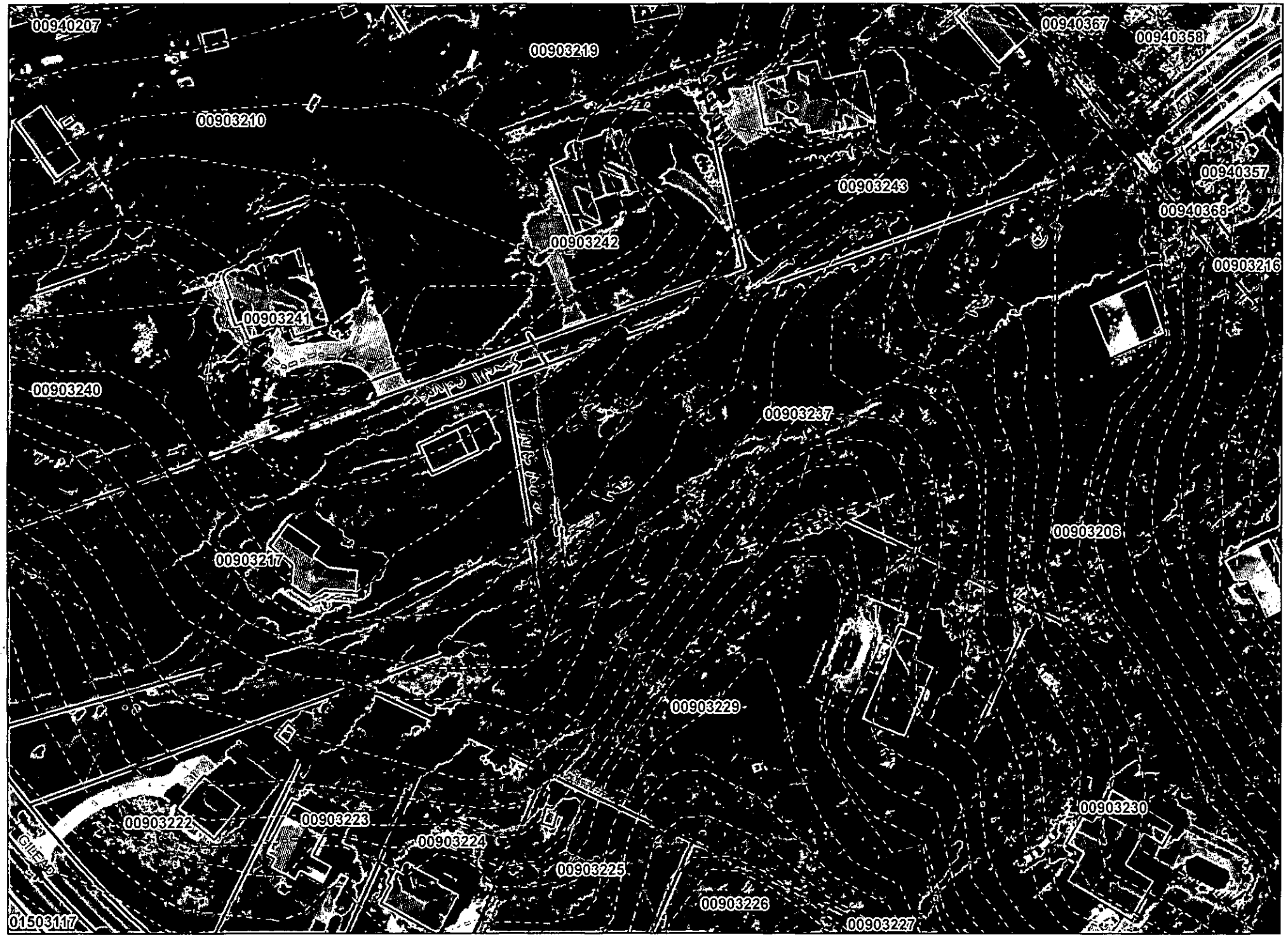
COMMENTS:

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

Sketch of Soil Evaluation Locations





Map Created By:
Map Created On:

0 50 100 Feet

N

FEE: 200.00
DATE:9/25/2014

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 8950B

PERMIT NUMBER: 30006864

PARCEL NUMBER: 00903237

JOB LOCATION INFORMATION

ADDRESS: 7111 GILEAD RD

CITY: HUNTERSVILLE **STATE: NC** **ZIP:** 28078

ISSUED TO: Conrad Cupit

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 8/20/2014

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30006864, AND THE ATTACHED *SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL* REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

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

4. *THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL* BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.
   ***CONSTRUCTION AUTHORIZATION EXPIRATION DATE:** 8/20/2019

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 09/23/14
Receipt #: 90860
Check / Auth #: CHARGE
Received By: SADERLW

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: X34348
Contractor: YOUNGBLOOD HOMES INC
Attn:
Address: 7041 GILEAD RD
Address:
City/State/Zip: HUNTERSVILLE, NC 28078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 7111 GILEAD RD		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
200.00	351.41	4.09	8.86		

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 09/23/14
Receipt #: 90861
Check / Auth #: CHARGE
Received By: SADERLW

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: X34348
Contractor: YOUNGBLOOD HOMES INC
Attn:
Address: 7041 GILEAD RD
Address:
City/State/Zip: HUNTERSVILLE, NC 28078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorization 7111 GILEAD RD		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
400.00	351.41	4.09	8.86		

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

Sheet: 1 of 2
Property ID: 009-032-37
Lot #: NA
File #: 8950B
AppID: 6864

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: Conrad Cupit
Applicant: owner
Address: 16109 Greenfarm Rd, Huntersville, NC 28078
Date Evaluated: 6/12/2014 & 8/18/2014
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Property Size: 3.28 ac
Location of Site: 7111 Gilead Rd, Huntersville, NC 28078
Property Recorded: Unknown
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	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 6%	0 - 31	Fill w/ gravel							US	NA
		31	Auger refusal								
Boring #2	LS 5%	0 - 9	Fill		>50"	50	NA	NA		PS IV 0.3	36"
		9 - 50	mmabk C	FI SEXP							
Boring #3	LS 5%	0 - 20	wfsbk SCL	FR SEXP	>50"	50	NA	NA	saprolite inclusions from 33 - 50"	PS IV 0.3	36"
		20 - 33	mmabk C	FI SEXP							
		33 - 50	wfsbk S CL	FR SEXP							
Boring #4	LS 5%	0 - 3	gr SL	FR SEXP	>50"	50	NA	NA		PS IV 0.3	36"
		3 - 12	wfsbk SCL	FR SEXP							
		12 - 50	mmabk C	FI SEXP							
Boring #5	LS 5%	0 - 5	wfsbk SCL	FR SEXP	>50"	50	NA	NA		PS IV 0.3	36"
		5 - 28	mmsbk C	FI SEXP							
		28 - 50	wfsbk SCL	FR SEXP							
Boring #6	TS 3%	0 - 24	Fill							US	NA
		24	Auger refusal								
Boring #7	LS 3%	0 - 30	Fill w/ gravel							US	NA

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR (gpd/sq ft)	0.3	0.3

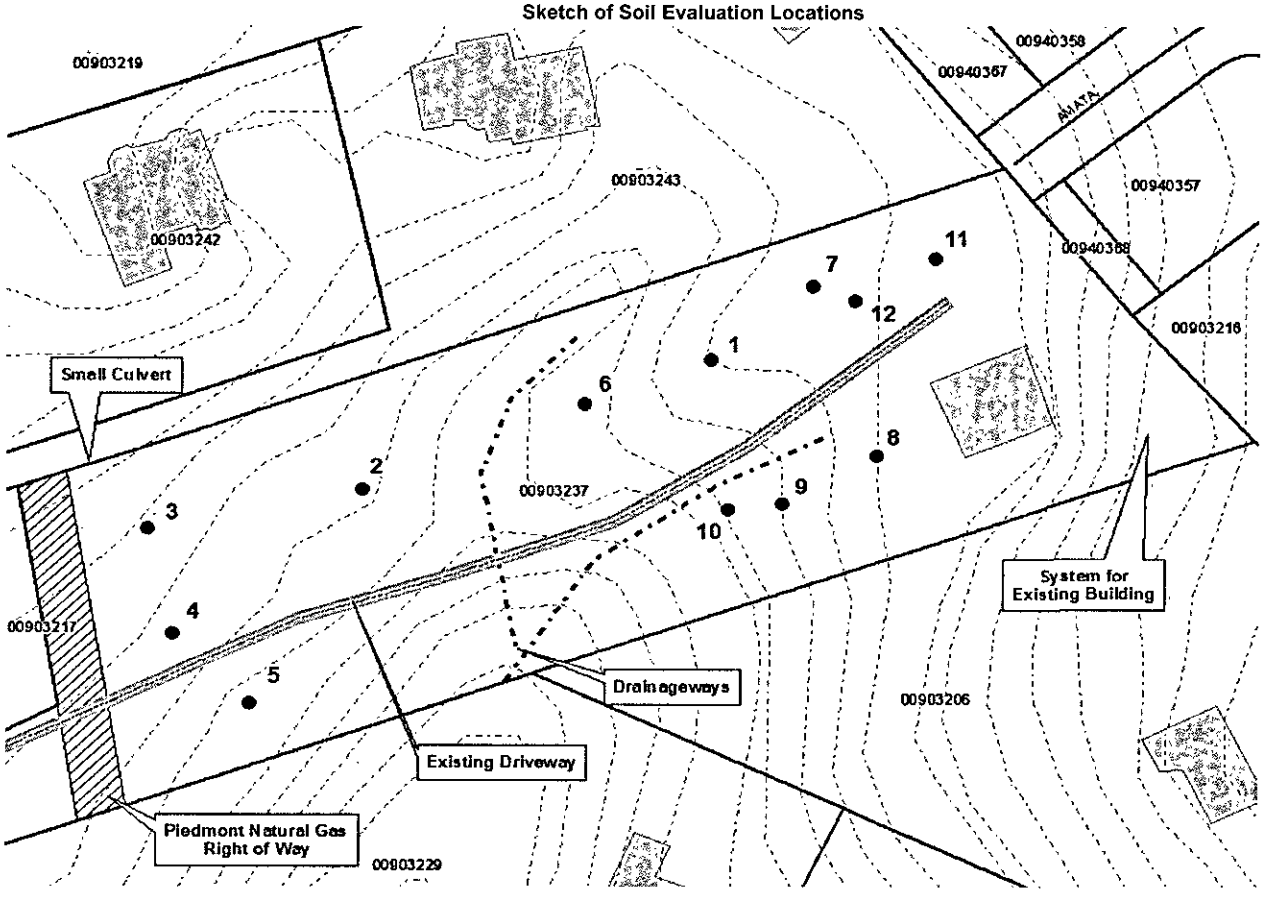
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHSI, LSS
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

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		CL-Clay Loam		Sap-Saprolite
FP-Flood Plain		SCL-Sandy Clay Loam		**Structure Prefixes**
D-Drainage Way		SiL-Silt Loam		w-weak
				m-moderate
	IV	SC-Sandy Clay	0.4 - 0.1	s-strong
		SiC-Silty Clay		f-fine
		C-Clay		m-medium
				c-coarse

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

Sketch of Soil Evaluation Locations



SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 .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
Pit #8	LS 8%	0 - 14	wfsbk SCL	FR SEXP	>51"	51	NA	NA	0 - 14 gravelly	PS IV 0.3	36"
		14 - 51	mfsbk C	FI SEXP							
Pit #9	LS 8%	0 - 15	Fill		>51"	15 - 51	NA	NA		PS IV 0.3	36"
		15 - 40	mmsbk C	FI SEXP							
		40 - 51	mfsbk CL	FR SEXP							
Pit #10	LS 8%	0 - 14	Fill		>51"	14 - 51	NA	NA		PS IV 0.3	36"
		14 - 42	mmsbk C	FI SEXP							
		42 - 51	mfsbk CL	FR SEXP							
Pit #11	LS 3%	0 - 16	Fill		>48"	16 - 48	NA	NA		PS IV 0.3	36"
		16 - 23	wfsbk CL	FR SEXP							
		23 - 48	mmsbk C	FI SEXP							
Pit #12	LS 3%	0 - 32	Fill		>45"	32 - 45	NA	NA		US	NA
		32 - 45	mmsbk C	FI SEXP							

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

Sheet: 1 of 2
Property ID: 009-032-37
Lot #: NA
File #: 8950B
AppID: 6864

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property Owner: Conrad Cupit
Applicant: owner
Address: 16109 Greenfarm Rd, Huntersville, NC 28078
Date Evaluated: 6/12/2014 & 8/18/2014
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Property Size: 3.28 ac
Location of Site: 7111 Gilead Rd, Huntersville, NC 28078
Property Recorded: Unknown
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	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 6%	0 - 31 31	Fill w/ gravel Auger refusal							US	NA
Boring #2	LS 5%	0 - 9 9 - 50	Fill mmabk C	 FI SEXP	>50"	50	NA	NA		PS IV 0.3	36"
Boring #3	LS 5%	0 - 20 20 - 33 33 - 50	wfsbk SCL mmabk C wfsbk S CL	FR SEXP FI SEXP FR SEXP	>50"	50	NA	NA	saprolite inclusions from 33 - 50"	PS IV 0.3	36"
Boring #4	LS 5%	0 - 3 3 - 12 12 - 50	gr SL wfsbk SCL mmabk C	FR SEXP FR SEXP FI SEXP	>50"	50	NA	NA		PS IV 0.3	36"
Boring #5	LS 5%	0 - 5 5 - 28 28 - 50	wfsbk SCL mmsbk C wfsbk SCL	FR SEXP FI SEXP FR SEXP	>50"	50	NA	NA		PS IV 0.3	36"
Boring #6	TS 3%	0 - 24 24	Fill Auger refusal							US	NA
Boring #7	LS 3%	0 - 30	Fill w/ gravel							US	NA

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR (gpd/sq ft)	0.3	0.3

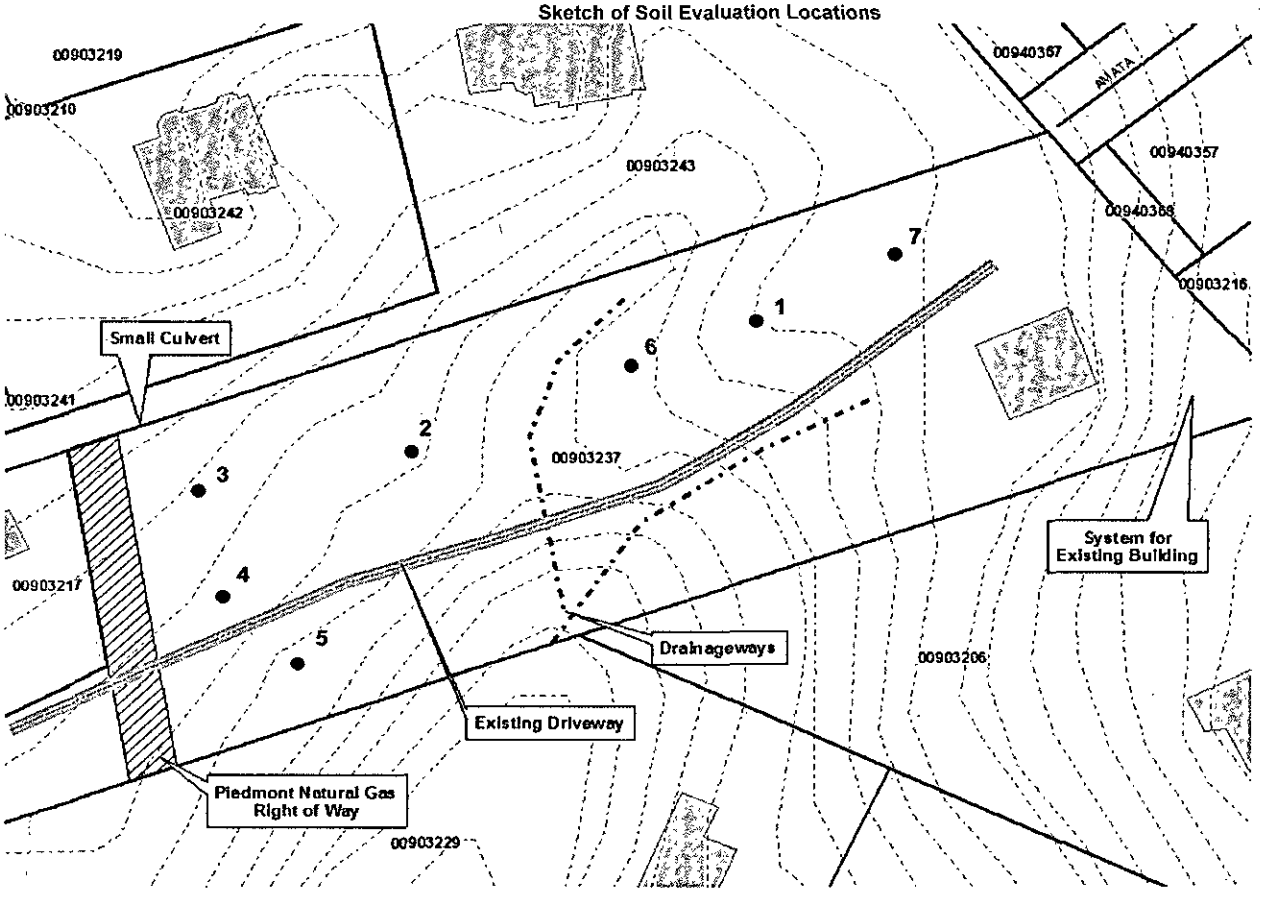
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHSI, LSS
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:

Landscape Position	Group	Texture	.1955 LTAR	Structure
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NS-Nose Slope		L-Loam		sbk-Subangular Blocky
HS-Head Slope				abk-Angular Blocky
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CV-Convex Slope		SiCL-Silty Clay Loam		pr-Prismatic
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				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		

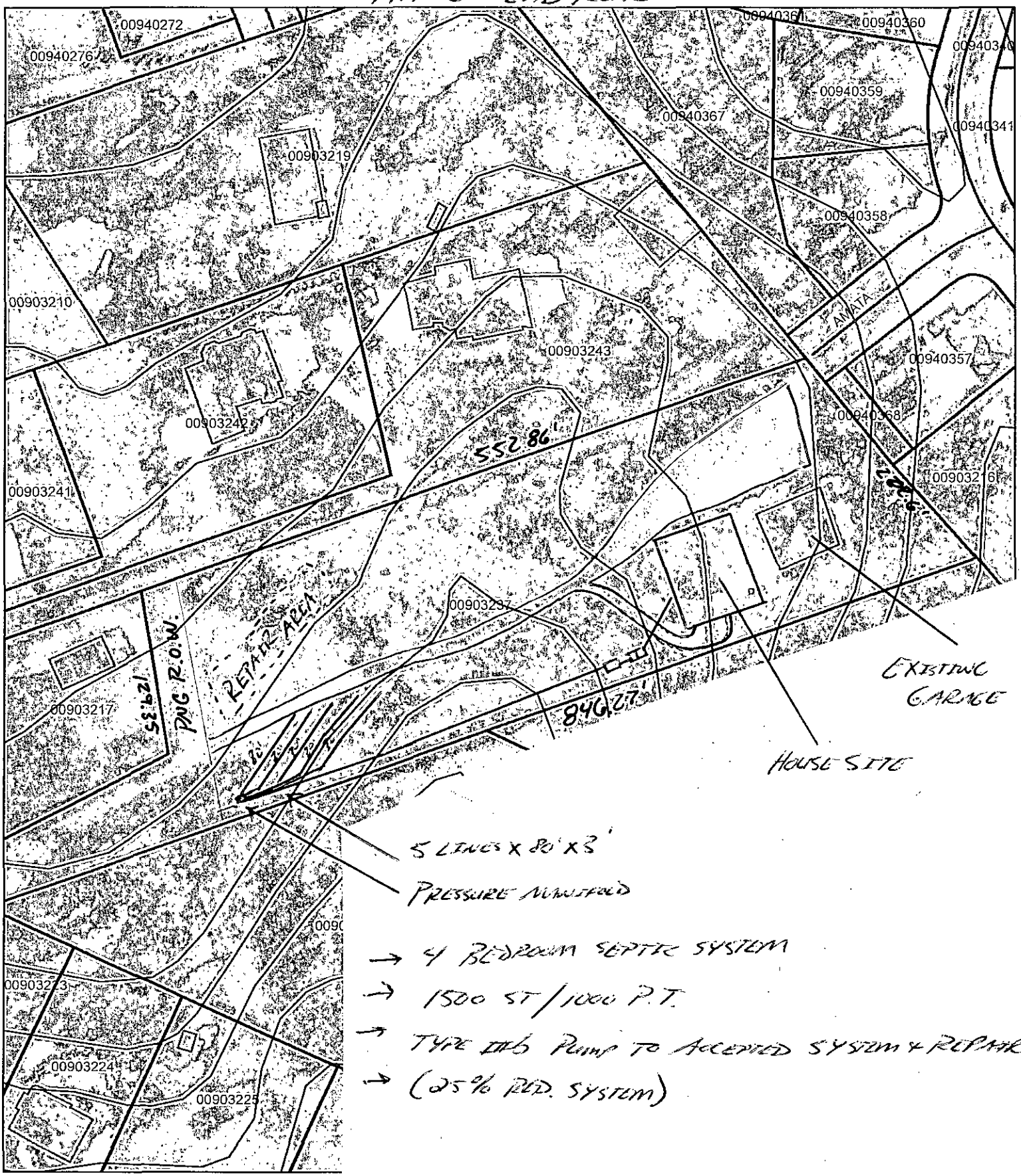
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FR-Friable	S-Sticky	EXP-Expansive
FI-Firm	VS-Very Sticky	
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EFI-Extremely Firm	SP-Slightly Plastic	US-Unsuitable
	P-Plastic	PS-Provisionally Suitable
	VP-Very Plastic	S-Suitable
		NA-Not Applicable

Sketch of Soil Evaluation Locations



File # 8950B
Parcel # 009-032-37
Permit # 6864

7111 GILEAD ROAD



Map Created By: Jeremy Michelone, REHS
Map Created On: 8/20/14

0 50 100 200 Feet

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 #: **30006864** GWS File #: **8950B** Tax Parcel #: **009-032-37**

- 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):** 8/20/2019

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 2200 # Bedrooms: 4 # Occupants: 3

Building Foundation: Crawl Space Water Supply: Municipal

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

Initial System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1200 Total Trench Length (ft): 400

Maximum Trench Depth (in): 30 Depth of Media (in): 12 Distribution Device: Pressure Manifold

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

Repair System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1200 Total Trench Length (ft): 400

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: Jeremy Michelone Owner/Legal Agent: Wayne H. Youngblood

Print Name

Signature: Jeremy Michelone Signature: Wayne H. Youngblood

Date Issued: 8/20/2014

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 #: **30006864** GWS File #: **8950B**

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.

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: Jeremy Michelone

Signature: [signature]

Date Issued: 8/20/2014

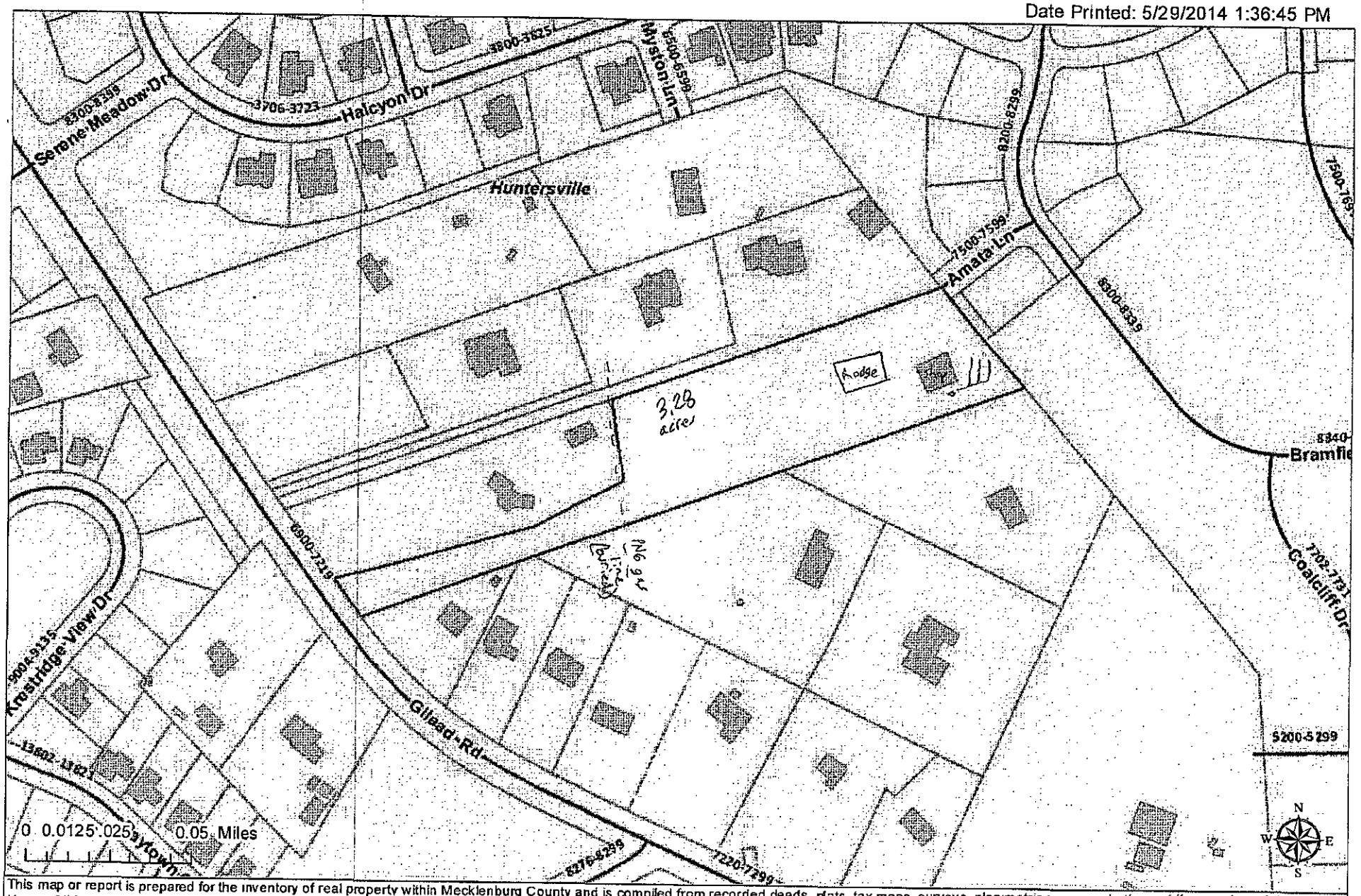
Owner/Legal Agent: Wayne H. Youngblood

Print Name

Signature: [signature]

Polaris 3G Map – Mecklenburg County, North Carolina
7111 Gilead

Date Printed: 5/29/2014 1:36:45 PM



This map or report 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 or report 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.

Existing septic info. for existing bldg. on property

Mecklenburg County
Health Department

March 31, 1997

David M. Sorensen
19817 Church Street
Cornelius, NC 28031

Re: 7111 Gilead Road
File: 3317B
Parcel: 009-032-17PO

Dear Mr. Sorensen:

At your request an inspection was made at the above referenced property to facilitate the issuance of an Operation Permit for the Sewage Treatment and Disposal system. During the inspection it was found that the following items did not meet the regulations set forth in the "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900; .1952 Septic Tank, Dosing, Dosing Tank and Lift Station Design." Our comments follow:

1) (6) Pump and control circuits shall be provided with manual circuit disconnects within a watertight, corrosion-resistant, outside enclosure (NEMA 4X or equivalent) adjacent to the pump tank, securely mounted at least 12 inches above the finished grade. The pump(s) shall be manually operable without requiring the use of special tools or entrance into the tank for testing purposes. Conductors shall be conveyed to the disconnect enclosure through water proof, gasproof, and corrosion-resistant conduits, with no splices or junction boxes provided inside the tank. Wire grips, duct seal, or other suitable material shall be used to seal around wire and wire conduit openings inside the pump tank and disconnect enclosure.

2) (9) The pump tank shall have a properly functioning high-water alarm. The alarm circuit shall be supplied ahead of any pump overload and short circuit protective devices. The alarm shall be audible and visible by system users and weatherproof if installed outdoors in an enclosure (NEMA 4X or equivalent).

The above mentioned items must be installed and inspected prior to the Operation Permit being issued. The Operation Permit is required for the Certificate of Occupancy and the permanent electric hook-ups. Please schedule the inspections at least five (5) working days in advance to ensure no delays in the Operation Permit issuance.

Please call me at 336-5572 to discuss any question you may have concerning this matter.

Sincerely,

Larry B. Thompson, Jr., R.S.
Individual Water and Wastewater Systems

LT:gc

PEOPLE • PRIDE • PROGRESS

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

Pd in Full W

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 33173 DATE: 5-9-97

TC: 009-032-17 ☐L ☒CRT

SERIAL Nº 17084

Name of Owner David Sorenson Juris.:

Address of Property 7111 Hot Gilead Road

Inspection Data:

Tank Material PCC

Total Length of Drainfield 200'

Number of Lines 4 @ 1@36' 3@54'

Cover Depth 12-16"

Water Supply Source Priv. well

Distance to Water Source >50'

Excavation Inspected 3-27

Tank(s) Inspected 3-27

Wash Line Inspected N/A

High Water Alarm Inspected 5-9

PLOT

Design 1997, 1500ST, 1000DT, P1, IIIG INNOV, T, 600SF, SAND BACKFILL, CECIL-LIKE, CORNELIUS CTR# 195

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☐ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☐ as detailed in the plot above

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. This issuance of this

☐ Certificate of Completion ☐ 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 .1990 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/revocation of this permit.

COMMENTS: Type IIIg innovative "Infiltrator" brand installed (9) 3'w x 54'L x 28"d & (1) 3'w x 36'L x 28"d

Larry B. Thompson Jr., R.S.
Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

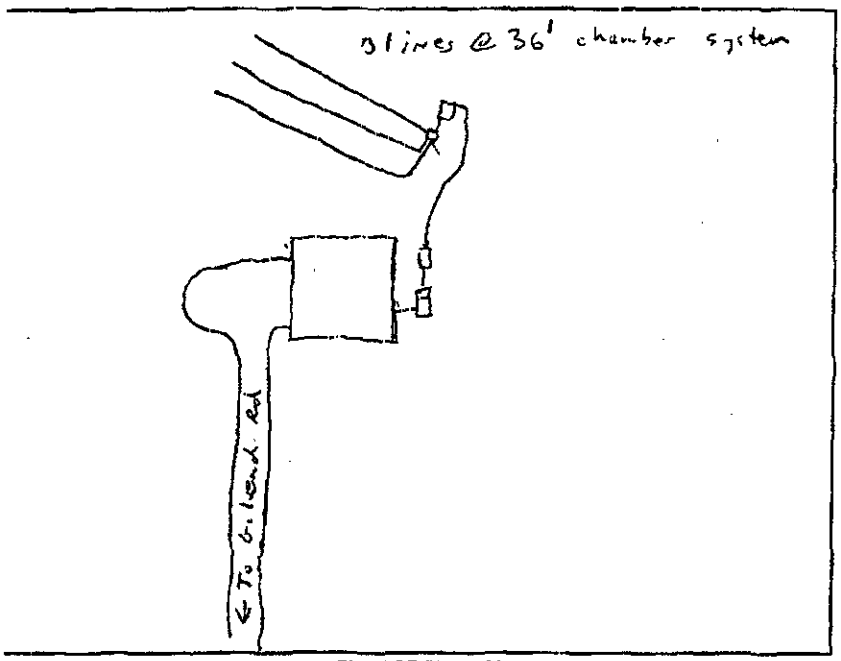
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3317-B DATE: 2-13-96

TC: 009-032-17 L

SERIAL Nº 16657

Permission is hereby given to ✓ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 9-26-94 All work shall be completed on or before 3-17-96, after which date this permit 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 the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1000 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth no more than 31"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous yes

Total Line Length 110 feet

Number of Lines 3

Depth of Stone N.A. inches

Distance from House 5'+ feet

Distance from Property Line 10'< feet

Distance from Well 100'+ feet

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

NAME OF OWNER DAVID SORENSON

LOCATION OF PROPERTY 7141 GILEAD RD

Comments: INSTALL CHAMBER SYSTEM AS PER DAVID SORENSONS REQUEST

Stateswan for S. Baird, Program Chief 3-6-96

Kelly Rundell
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E H S. COPY • PINK - OWNER OR AGENT's COPY

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	05/29/14	**Amount:**	250.00
Receipt #:	89623	**Tendered:**	250.00
Check / Auth #:	VISA 055843	**Returned:**	0.00
Received By:	SADERLW		

Account Information

Account #: 200000
Contractor: CUPIT CONRAD
Attn:
Address: 16109 GREENFARM RD
Address:
City/State/Zip: HUNTERSVILLE, NC 28078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 7111 GILEAD RD		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
405.00	650.00	565.00	909.65		