

18710 YOUNGBLOOD RD

21720183

1/9/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 60603 WASPS App #: 1707

Primary ES assigned to project: CS

Secondary ES assigned to project: _____

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☑	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☑
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☑
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☑
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☑	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☐	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 4			
	Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR 3	Yes ☐	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☐	No ☐	N/A ☑
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☐	No ☐	N/A ☑
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☑
130A-336(a)(1)	Property line lengths shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☑	No ☐	N/A ☐

Operation Permit

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

II. WASPS Review:

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

Items requiring correction/modification: _____

Comments:

IA issued date: 8/30/07

OP issued date: 9/12/07 JM

Review performed by: JR Date performed: 9/5/07

Poss L

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 #: 6068B Permit #: 1707 Tax Parcel #: 217-201-83

Property Owner: MATT SWYT

Job Location Address: 18710 YOUNGBLOOD RD. N

City: CHARLOTTE State: NC Zip Code: 28278

Operation Permit Issuance Date: 9/12/07 Contractor Name: WT NORWOOD

Permitted Design Flow: 360 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Effluent Pump Model: LIBERTY-283

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet

# of Lines: _____ @ _____ feet

Depth of Media: 12 inches (Type) INNOVATIVE

Depth of Cover: 12 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: 25 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

Inspection Dates

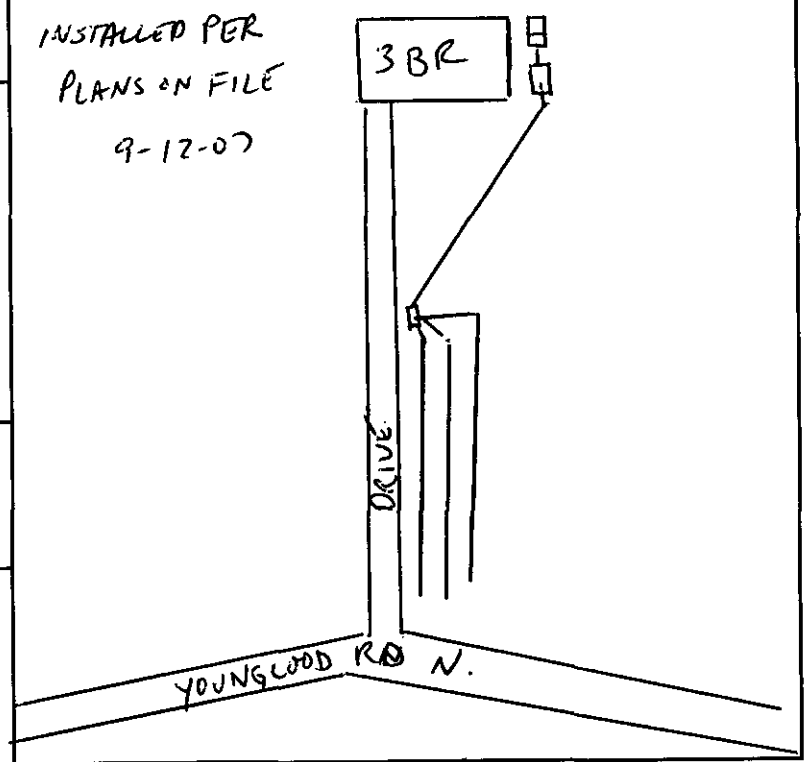
Tank(s) Inspected: 9/11/07

Excavation Inspected: 9/11/07

Pump & Controls Inspected: 9/12/07

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

INSTALLED PER PLANS ON FILE 9-12-07



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: III b ; INFILTRATOR ; INSTALLED/.1961 ; TO BE INSPECTED BY GWS/5YRS.

DENR Authorized Agent: Chris Sherrill, RS, CSS Signature: Chris Sherrill

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 6068B Permit #: 1707 Tax Parcel #: 217-201-83

Property Owner: MATT SWYT

Job Location Address: 18710 YOUNGBLOOD RD N.

City: CHARLOTTE State: NC Zip Code: 28278

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: Chris Sherrill RS, LSS Date: 9/12/07

Signature: Christopher M Sherrill

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700 N. Tryon St., Suite 211 Charlotte, NC 28202
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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 6068B Permit #: 1707 Tax Parcel #: 217-201-83

Property Owner: MATT SWYT

Job Location Address: 18710 YOUNGBLOOD RD N.

City: CHARLOTTE State: NC Zip Code: 28278

Installation Approval Issuance Date: 8/30/07

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 10/1/07, 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: 360 GPD

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

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet

# of Lines: 3 @ 100 feet

Depth of Media: 12 inches (Type) INNOVATIVE

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 _____

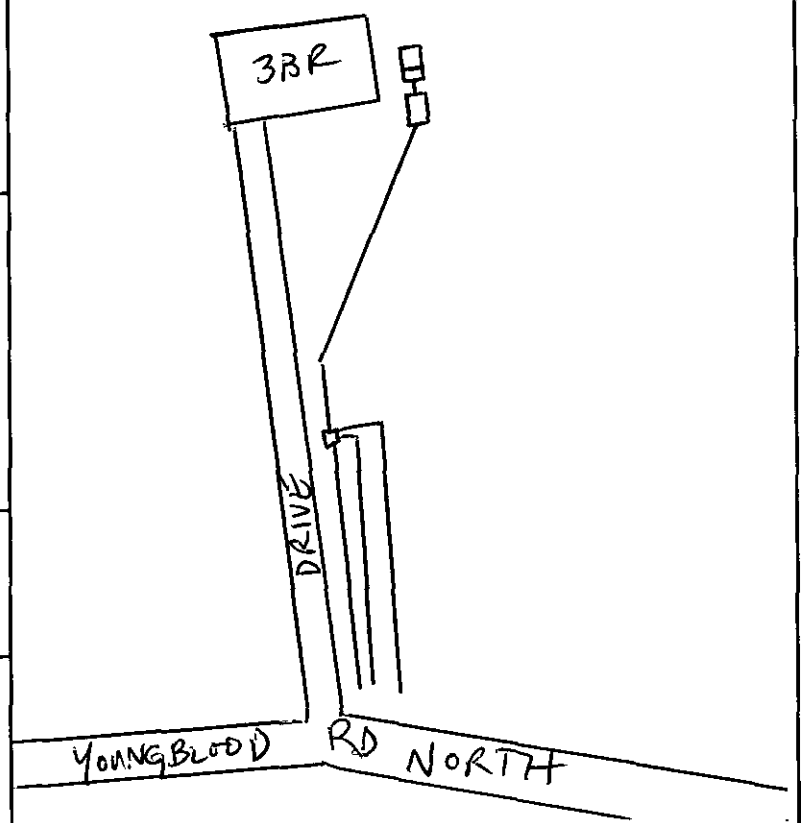
Minimum System Setbacks

Distance from Building Foundation: 25 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

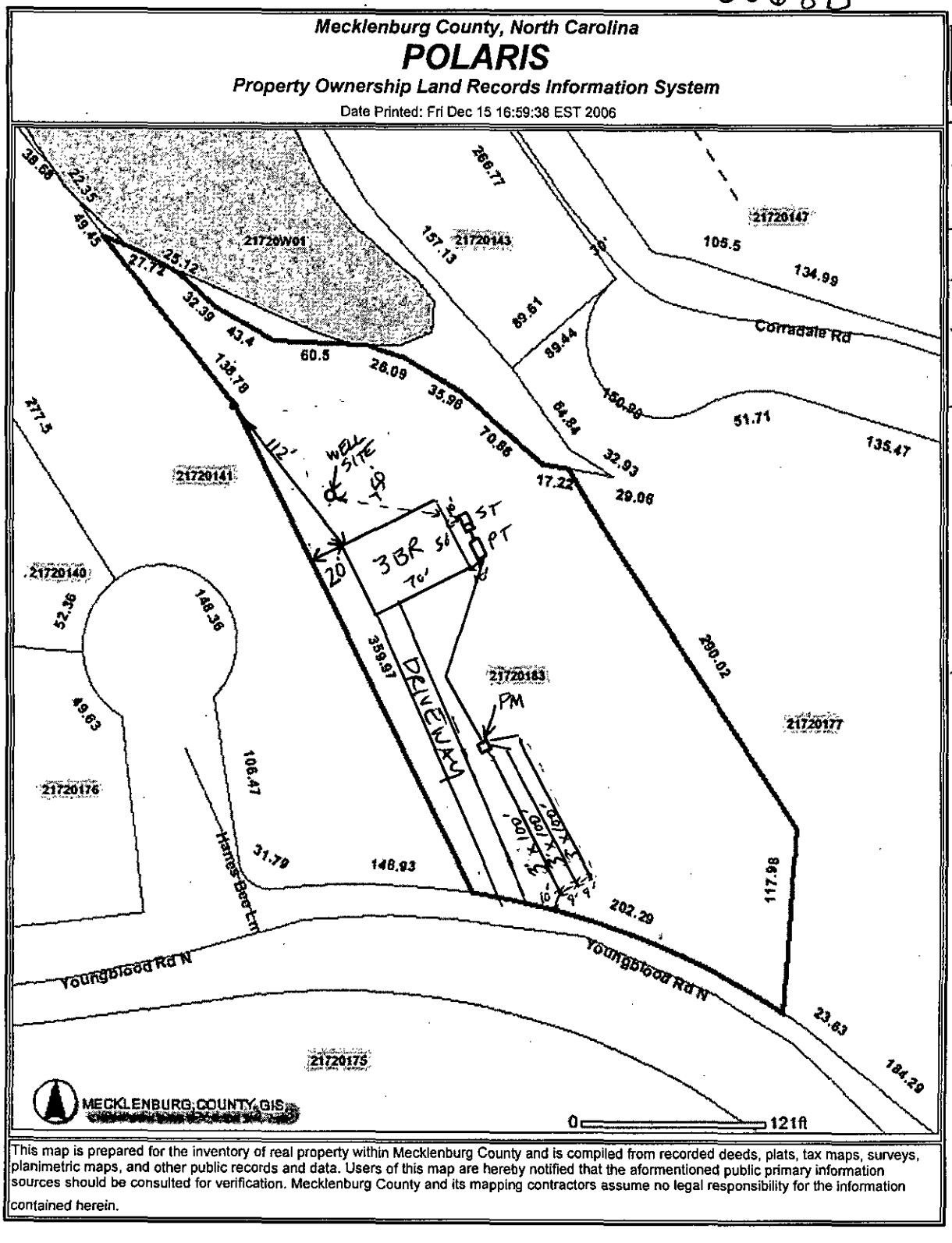
SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: IIIb PUMP 25% REDUCTION; TO BE INSPECTED 5 YRS BY CWS; INSTALL PER. 1961

DENR Authorized Agent: Chris Sherrill, RS, LSS Signature: Chris Sherrill

6068B



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.

(Signature) 12/15/06 (Date) (Signature) 2/26/07 (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

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

Permit #: **30001707** GWS File #: **6068B** Tax Parcel #: **217-201-83**

- 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):** 12/15/2011

Type of Installation: Residential - New System Lot Number: 2

Structure Type: HOUSE Size (ft^2): 2612 # Bedrooms: 3 # Occupants: 1

Building Foundation: Basement With Plumbing Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd):	360	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):	900	Total Trench Length (ft):	300
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: N/A **System Classification:** N/A

Repair System Specifications:

Design Flow (gpd):	0	LTAR (gpd/ft^2):	0.0	Septic Tank Size (gal):	0	Pump Tank Size (gal):	0
Trench Width (ft):	0	Trench Spacing (ft):	0	Absorption Area (ft^2):	0	Total Trench Length (ft):	0
Maximum Trench Depth (in):	0	Depth of Media (in):	0	Distribution Device:	N/A		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the *following provisions*:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Chris Sherrill Owner/Legal Agent: MATT SWIFT
Print Name

Signature: Signature:

Date Issued: 12/15/2006

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 #: **30001707** GWS File #: **6068B**

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.
- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the *Department.*
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Chris Sherrill Owner/Legal Agent: MATT SWIFT
Print Name

Signature: Signature:

Date Issued: 12/15/2006

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 12/07/06
Receipt #: 47131
Check / Auth #: CHARGE
Received By: CRAIGGY

Amount: 150.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: B98162
Contractor: SWYT MATTHEW J
Attn:
Address: 14825 HICKORY VIEW LANE
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 18710 Youngblood Rd., N/file # 6068B		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
415.26					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/07/06	**Amount:**	150.00
Receipt #:	47130	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: B98162
Contractor: SWYT MATTHEW J
Attn:
Address: 14825 HICKORY VIEW LANE
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 18710 Youngblood Rd., N/file 6068B		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
265.26					

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

Sheet: 1 of 2
Property ID # 217-201-83
Lot #: 2
File #: 6068B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Beach Glass Development
Applicant: Andrew Wood
Address: 3500 Providence Manor Road, Charlotte, N. C. 28270
Date Evaluated: 7/27/2005
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .3a inv.
Location of Site: Youngblood Road North
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS, 10	0-15	GR/SCL	FR/SEXP/SS/SP	>40" TO SOIL WETNESS	40+	N/A	NONE	PS, IV .3GPD/FT^2
		15-40	SBK/C	FI/SEXP/S/P					
		BORING TERMINATED @ 40", FLOATER ROCK							
2	"	0-4	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
		4-30	SBK/C	FI/SEXP/S/P					
		30-48	SBK/SCL	FR/SEXP/SS/SP					
3	"	0-12	GR/SCL	"	"	"	"	"	"
		12-48	SBK/ABK/C	FI/SEXP/S/P					
4	LS, 15	0-12	GR/SL	FR/SEXP/NS/NP	"	"	"	"	"
		12-15	SBK/SCL	FR/SEXP/SS/SP					
		15-38	SBK/C	FI/SEXP/S/P					
		38-48	SBK/SCL	FR/SEXP/SS/SP					

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

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/28/2005. W. R. Marlin
Others Present:

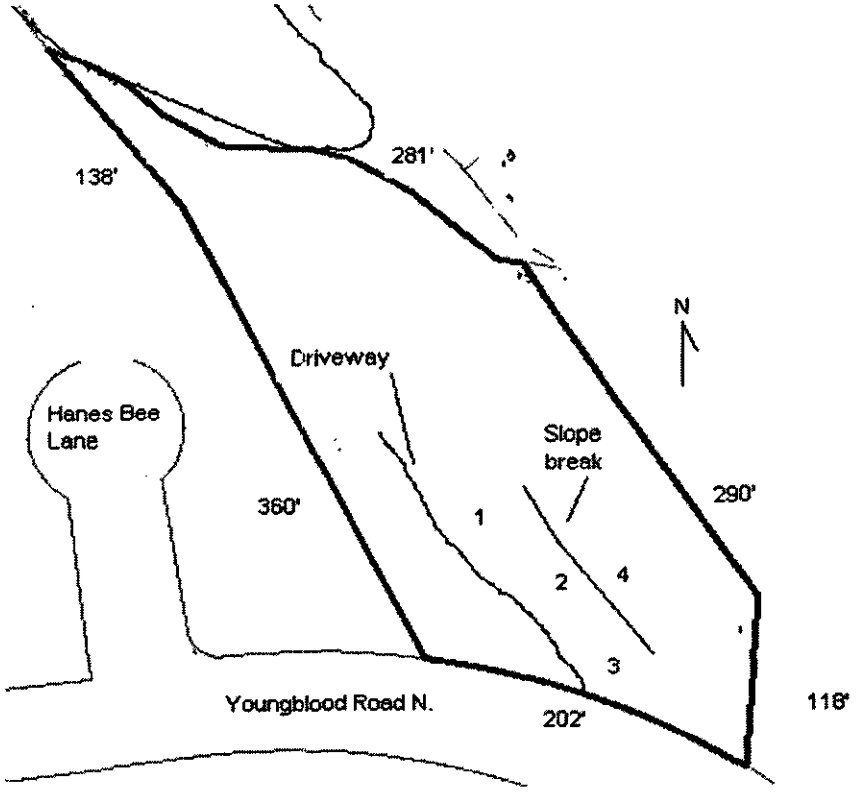
COMMENTS:

Does not appear to be 100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

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

Sketch of Soil Evaluation Locations



MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 07/11/05
Receipt #: 35730
Check / Auth #: CHECK 1039
Received By: WALKEVA

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: BEACHGLASS, LLC
Attn:
Address: 3500 PROVIDENCE MANOR ROAD
Address:
City/State/Zip: CHARLOTTE, NC 28270

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen YOUNGBLOOD RD. NORTH		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

#1707

GWS – RES. APP 12/04

SEPTIC FEE: $200.00
DATE: 7/11/05
CRT [ ] Check #1039 MW

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

FILE # 6068B

WELL FEE:
DATE:
CRT [ ]

SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM EXISTING SYSTEM : ☐ EXPANSION/ALTERATION ☐ REPAIR

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

JOB LOCATION INFORMATION:

TAX/PARCEL #: 21720183
STREET ADDRESS: 18710 Youngblood Rd. North
CITY: Charlotte
STATE: NC **ZIP:** 28278
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:
TOWNSHIP:

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

BUILDING INFORMATION:

TYPE OF BUILDING:

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

HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 5

FOUNDATION FOR RESIDENCE:

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

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES: N/A
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☐ NO TYPE:

WATER SUPPLY:

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

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

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

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

PROPERTY OWNER:

NAME: Beach Glass Development
ADDRESS: 3500 Providence Monroe Rd.
CITY: Charlotte
STATE: NC ZIP: 28270
HOME PHONE: 704-383-5073 WORK PHONE: 704-383-5037
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Andrew Wood
ADDRESS: P.O. Box 296
CITY: Clover
STATE: SC ZIP: 29710
HOME PHONE: WORK PHONE: 803-684-3390
MOBILE PHONE: FAX 803-684-5168

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature 7/11/05 Date

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

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

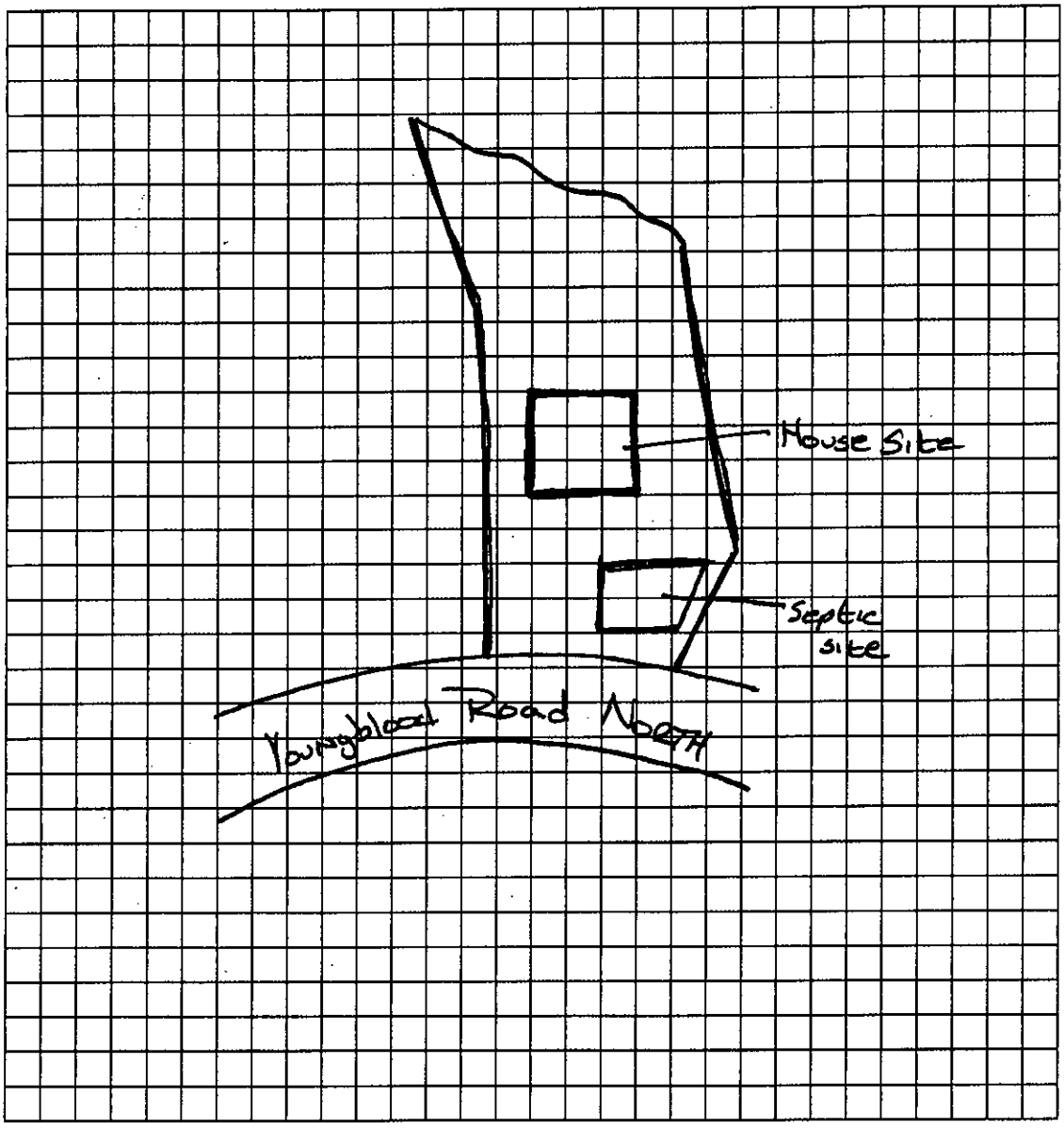
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
704-336-5103 / FAX: 704-336-6894

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

File #_____
Date_____

PROPOSED PLOT PLAN

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



Owner/Agent Signature _____

Date 7/11/05

LBC 12/15/04

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 6068B WASPS App #: 1708

Primary ES assigned to project: Debra Howell

Secondary ES assigned to project: _____

Project Type: New Well ☑ Well Abandonment ☐ Major Repair ☐

Septic System Status: Permit in progress ☐ System installation completed ☑ N/A-Sewer ☐

I. File Review:

Completed application	Yes ☑	No ☐	
ARGU review report	Yes ☐	No ☐	N/A ☑
Signed permit	Yes ☑	No ☐	
Notification of disinfection	Yes ☐	No ☐	N/A ☑
Sample Results	TC ☑	Nitrate/Nitrite ☑	Other ☐ N/A ☐
~~GW-1 Form~~ GW-30 Form	Yes ☑	No ☐	
Other related documentation	Yes ☐	No ☐	N/A ☐

Comments: # Items requiring correction/modification: _____

II. WASPS Review:

Completed application w/ valid address	Yes ☑	No ☐	
ARGU review completed	Yes ☑	No ☐	N/A ☐
Permit issued	Yes ☑	No ☐	
Activity checklist completed	Yes ☑	No ☐	
Appropriate comments included	Yes ☑	No ☐	
Site information record completed	Yes ☑	No ☐	
Well detail record completed	Yes ☑	No ☐	

Comments: # Items requiring correction/modification: _____

9/27/07 - Please release well hold on CO.

Application received date: 12/7/06 ES assigned date: _____ Permit issued date: 12/18/06

Well approval date: 9/27/07 Number of days to complete project: _____

Review performed by: _____ Date performed: 9/27/07

acct B98162 #1708

GWS – RES. APP 07/05

SEPTIC FEE: 300.00
DATE: 12/7/06
CRT [ ] GC

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

FILE # 6068

B#98162
WELL FEE: 400
DATE: 12/7/06
CRT [ ]

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

WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:

TAX/PARCEL #: 217-201-83
STREET ADDRESS: 18710 Young Blood Rd. N.
CITY: Charlotte
STATE: NC **ZIP:**
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:
TOWNSHIP:

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

BUILDING INFORMATION:

TYPE OF BUILDING:

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

HEATED SQUARE FOOTAGE: 2612
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 1

FOUNDATION FOR RESIDENCE:

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

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

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

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

WATER SUPPLY:

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

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

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

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

PROPERTY OWNER:

NAME: Robin Zeller
ADDRESS: 14154 Fitzroy Ln
CITY: Charlotte
STATE: NC ZIP: 28277
HOME PHONE: 704/542-0908 WORK PHONE:
MOBILE PHONE: *FAX:*

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Allaring Homes, Inc.
ADDRESS: 14825 Hickory View Ln.
CITY: Charlotte
STATE: NC ZIP: 28278
HOME PHONE: WORK PHONE: 7045886069
MOBILE PHONE: 7046349540 FAX: 7045886069

Acct # B98162

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Nov. 2006

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Matt Sayt 12/7/06
Owner's/Agent's Signature *Date*

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

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Matt Sayt 12/7/06
Owner's/Agent's Signature Date

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

0753

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

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10001708 **File #:** 6068B **Tax Parcel #:** 217-201-83
Property Owner: Robin Zeller
Job Location Address: 18710 YOUNGBLOOD RD NORTH
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28278
Permit Issuance Date: 12/18/2006
Use of Well: Potable
Type of Facility Served by Well: House
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: NO

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

☐ Grout must be placed the full extent of the casing. ☐ Casing to bedrock

☐ Initial water sample to be taken and analyzed for (check all that apply):

☐ Volatile Organic Compounds (VOC's) ☐ Semi-volatile Compounds ☐ Metals (Specify in Other Conditions)

☐ Pesticides ☐ Herbicides ☐ Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

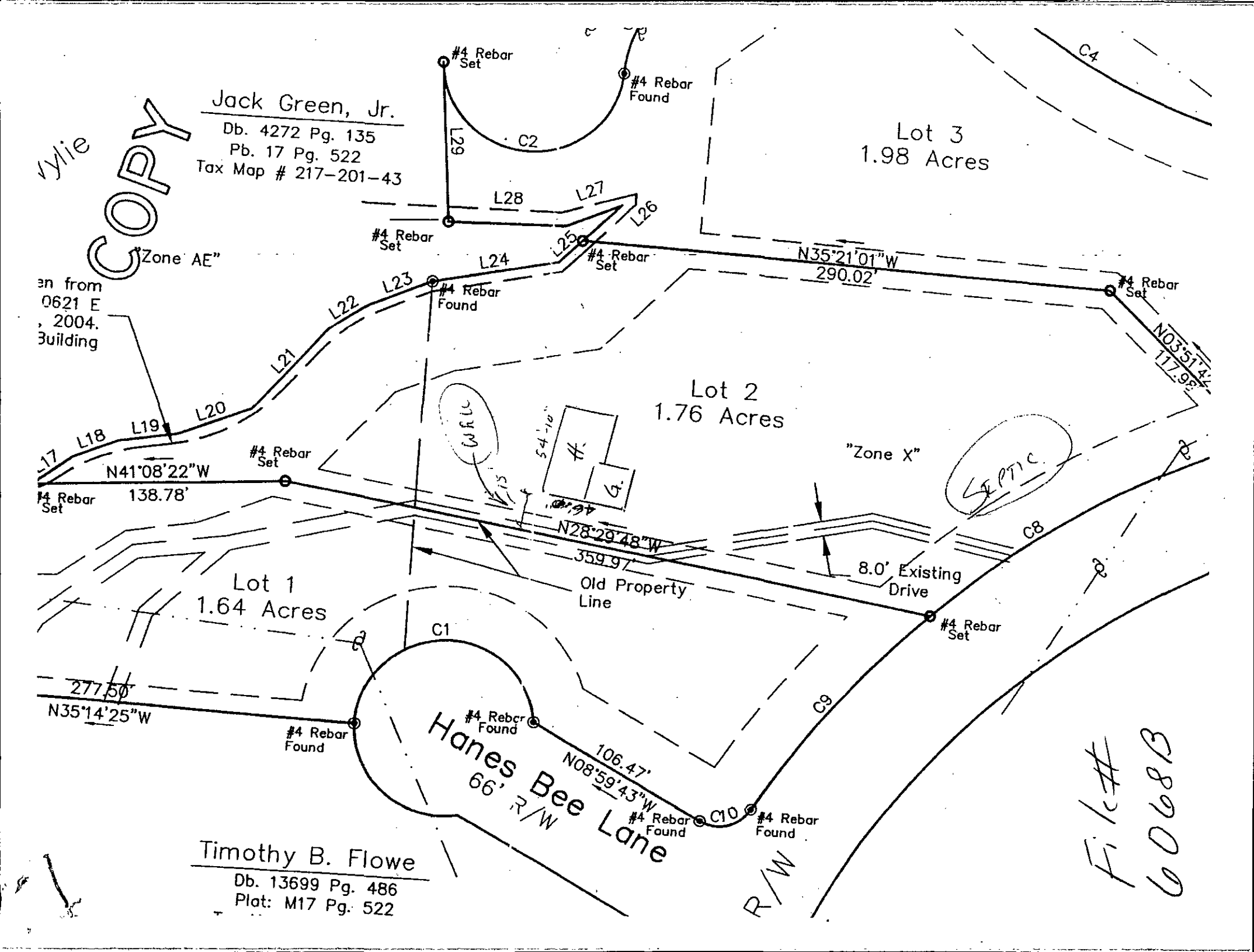
Other Conditions of This Permit:

Chris Sherrill RS, LSS
Authorized Agent: Print Name

Signature:

MATT SWYT
Owner/Legal Agent: Print Name

Signature: Matt Swyt


Jack Green, Jr.
Db. 4272 Pg. 135
Pb. 17 Pg. 522
Tax Map # 217-201-43
COPY
Zone AE"
#4 Rebar Set
#4 Rebar Found
L29
C2
L28
L27
L26
L25
L24
L23
L22
L21
L20
L19
L18
L17
N41°08'22"W
138.78'
Lot 3
1.98 Acres
N35°21'01"W
290.02'
N03°51'44"
117.98'
Lot 2
1.76 Acres
"Zone X"
SEPTIC
WELL
54'-10"
N28°29'48"W
359.97'
8.0' Existing Drive
Old Property Line
C8
C9
C10
Lot 1
1.64 Acres
C1
277.50'
N35°14'25"W
106.47'
N08°59'43"W
Hanes Bee Lane
66' R/W
R/W
Timothy B. Flowe
Db. 13699 Pg. 486
Plat: M17 Pg. 522
File # 6068

RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3271

1. WELL CONTRACTOR:
Joseph Bailey
Well Contractor (Individual) Name
B & K well Drilling Inc.
Well Contractor Company Name
STREET ADDRESS 132 mt Mourne Dr
Mooresville NC 28117
City or Town State Zip Code
(704) 892-4696
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable)
STATE WELL PERMIT #(if applicable)
DWQ or OTHER PERMIT #(if applicable) 0001708
WELL USE (Check Applicable Box): Residential Water Supply ☑
DATE DRILLED 09-13-07
TIME COMPLETED 4:00 AM ☐ PM ☑

3. WELL LOCATION:
CITY: Charlotte COUNTY Meck.
18710 Youngblood Rd N
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE N/A
LONGITUDE
May be in degrees, minutes, seconds (or in a decimal format)
Latitude/longitude source: ☐ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. WELL OWNER
OWNER'S NAME Robin Zellers (Allen's Home)
STREET ADDRESS
City or Town State Zip Code
( ) Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 205
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑
c. WATER LEVEL Below Top of Casing: 30 FT.
(Use "+" if Above Top of Casing)
d. TOP OF CASING IS 1.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): 20 METHOD OF TEST Stabtech

f. DISINFECTION: Type Chl. Tabs Amount 1 lb.

g. WATER ZONES (depth):
From 70 To 71
From To
From To
From To
From To
From To

6. CASING:

	Depth	Diameter	Thickness/ Weight	Material
From 0	To 52 Ft.	6¼	SDR 21	PVC
From	To Ft.			
From	To Ft.			

7. GROUT:

	Depth	Material	Method
From 0	To 20 Ft.	Concreat	Pour
From	To Ft.		
From	To Ft.		

8. SCREEN:

	Depth	Diameter	Slot Size	Material
From	To Ft.	In.	in.	
From	To Ft.	In.	in.	
From	To Ft.	In.	in.	

9. SAND/GRAVEL PACK:

	Depth	Size	Material
From	To Ft.		
From	To Ft.		
From	To Ft.		

10. DRILLING LOG

From	To	Formation Description
0	52	Red Soil, Sandy Soil
53	205	Granite Rock

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Joseph Bailey 09-13-07
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Joseph Bailey
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b Rev. 7/05

7 - 05

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 9/26/2007 11:32 AM

LABORATORY SERVICES DIVISION

LOCATION: GWO-74494
LOC ID: G-NEW
SAMPLE DATE-TIME: 9/24/2007 11:45
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 070924124921

Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC37036 NITRATE	**0.06**	**mg/L**	0.05	EPA 353.2	9/25/2007	10:25	MKV
AC37036 NITRATE/NITRITE	**0.06**	**mg/L**	0.05	EPA 353.2	9/25/2007	9:18	MKV
AC37036 NITRITE	**<0.05**	**mg/L**	0.05	EPA 353.2	9/25/2007	10:25	MKV

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	18710 Youngblood Road North, Charlotte, NC
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

Sampled By (Print Name)
Debra Howell

SAMPLE ID	Sample Collector's initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct	Analyses Requested: Nitrate	Analyses Requested: Nitrite
GWO-74494 AC37036	DEH	9-24-07 11:45am	N/A N/A	N	18.1°C	[redacted]				X	500 ml		1			X				[redacted]	X	
GWO-74494 AC37036	DEH	9-24-07 11:45am	N/A N/A	N	18.1°C	[redacted]				X	125 ml		1	X								X

Instructions:
Complete all yellow shaded sections Please Rush!
For each parameter requested circle the X to verify your request.
Nutrients include:
Metals: Itemize the individual metals requested here -
For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
Blue is for lab use only

Comments: **Nitrate and Nitrate Analysis Requested**

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell	Tommie Mullen	9/24/07	12:45
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 9/26/2007 11:34 AM

LABORATORY SERVICES DIVISION

LOCATION: GWO-74494
LOC ID: G-NEW
SAMPLE DATE-TIME: 9/24/2007 11:45 CHAIN OF CUSTODY #: 070924124754
SAMPLE DESCRIPTION: Grab

Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC37035 E. COLI-PA	**Absent**	**P/A**		SM 9223B	9/24/2007	14:10	SLT
AC37035 Total Coliform- P/A	**Absent**	**P/A**		SM 9223B	9/24/2007	14:10	SLT

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

CHAIN OF CUSTODY RECORD

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	18710 Youngblood Road North, Charlotte, NC
LAB CODE:	REAL (PRIV) NEW TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

Sampled By (Print Name)
Debra Howell

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform
GWO-74494	DEH	9-24-07	N/A	N	NA					X	100 ml		2						X		X
AC37035		11:45am	N/A																		

Instructions:
Complete all yellow shaded sections
For each parameter requested circle the X to verify your request.
Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite
Metals: Itemize the individual metals requested here -
For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
Blue is for lab use only

Comments: **3-DAY TAT REQUESTED**

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell	Tommie Mullen	9/24/07	12:45

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill