

10131 ANNIE OAKLEY TL

19719141

1/8/2008

duponbj

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

Mecklenburg County
Health Department

March 24, 2004

Erin Dellinger
10319 Crestwell Court
Charlotte, NC 28215

Re: Application for improvement permit for Erin Dellinger
Property site: 10131 Annie Oakley Trail
Health Department file No. 5525B

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on March 22, 2004 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a 4-bedroom residence, with a design wastewater flow of 600 gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 including related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule. 1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE** for a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED**. A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

- ☐ Unsuitable soil topography and/or landscape position (Rule .1940)
- ☒ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
- ☒ Unsuitable soil wetness condition (Rule .1942)
- ☒ Unsuitable soil depth (Rule .1943)
- ☐ Presence of restrictive horizon (Rule .1944)
- ☒ Insufficient space for septic system and repair area (Rule .1945)
- ☐ Unsuitable for meeting required setbacks (Rule .1950)
- ☐ Other (Rule .1946)

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water or inside your structure.

The site evaluation included consideration of possible site modifications, and modified, innovative or alternative systems. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of sewage to another area of suitable soil or off-site to additional property.

For the reasons set out above, the property is currently classified **UNSUITABLE**, and no improvement permit shall be issued for this site in accordance with Rule .1948(c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE**.

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the N.C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, N.C. 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926 or from the OAH web site at www.oah.state.nc.us/form.htm . The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N.C. General Statute 130A-335 (g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER**. The date of this letter is March 24, 2004. Meeting the 30 day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do not wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N.C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, N.C. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

J. Andrew Walker, R.S. - DENR

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

Sheet: 1
Property ID: 197-191-41
Lot #: 4
File #: 5525B
Code: 3

AGS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Erin H. Dellinger
Applicant: Jimmie E. Steele
Address: 10319 Crestwell Ct., Charlotte, N. C. 28215
Date Evaluated: 03/10/2004
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.2a
Location of Site: 10131 Annie Oakley Trail
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 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-3	GR/CL	FR/SEXP/SS/SP	>15" TO SOIL WETNESS	15	N/A	NONE	US
		3-15	ABK/C	VFI/EXP/VS/VP					
2	LS, 8	0-4	GR/CL	FR/SEXP/SS/SP	>16" TO SOIL WETNESS	16	"	"	"
		4-16	ABK/C	VFI/EXP/VS/VP					
3	LS, 8	0-6	GR/CL	FR/SEXP/SS/SP	>20" TO SOIL WETNESS	20+	"	"	"
		6-20	ABK/C	VFI/EXP/VS/VP					
4	LS, 6	0-3	GR/SL	FR/SEXP/NS/NP	2.5Y7/1@20"	24	"	"	"
		3-6	SBK/SCL	FR/SEXP/SS/SP					
		6-24	ABK/C	VFI/EXP/VS/VP					
5	"	0-4	GR/SCL	FR/SEXP/SS/SP	>28" TO SOIL WETNESS	28	"	"	"
		4-28	ABK/C	VFI/EXP/VS/VP					
6	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>36" TO SOIL WETNESS	36	"	"	"
		5-27	SBK/SCL	FR/SEXP/SS/SP					
		27-36	ABK/C	VFI/EXP/VS/VP					
7	LS, 6	0-8	GR/SL	FR/SEXP/NS/NP	>17" TO SOIL WETNESS	17	"	"	"
		8-17	ABK/C	VFI/EXP/VS/VP					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

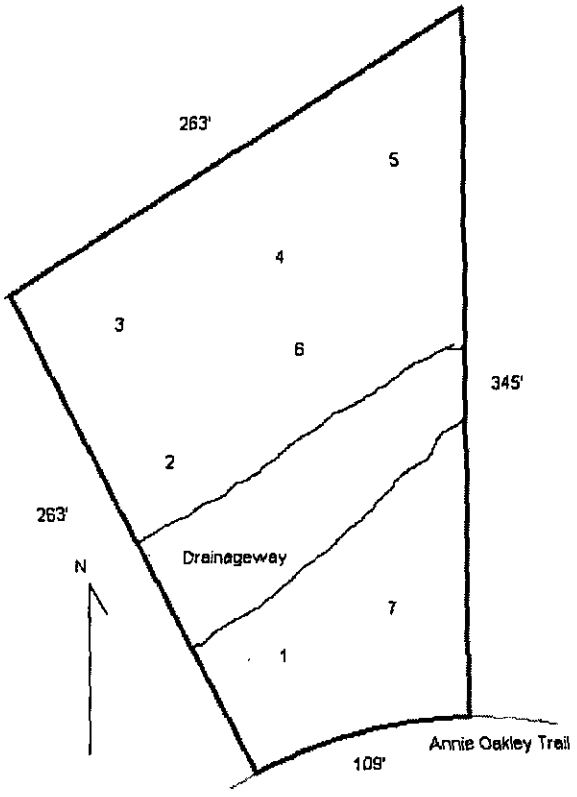
Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 3/12/2004, W. R. Marlin
Others Present:

FILE #5525B

COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 – 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 – 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



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

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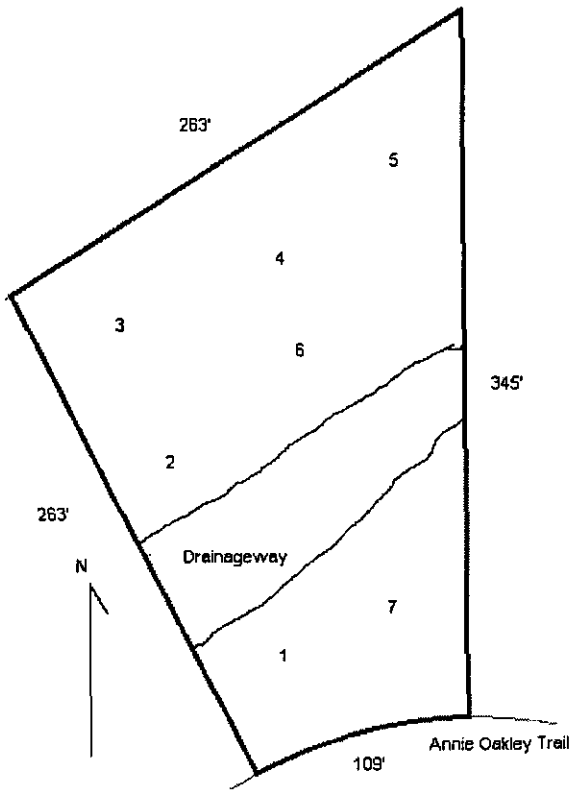
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SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



Check 1218

FEE: $240.00 DATE: 2-25-04

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

TYPE APPLICATION: ___ NEW SYSTEM ___ EXPANSION/ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

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

Drew

FILE: 5525-04

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 197-191-41

STREET ADDRESS: 10131 Annie Oakley

SUBDIVISION OR ~~MOBILE HOME PARK~~ NAME: Pleasant Valley

LOT NUMBER: 4

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 3500 - 4000

NUMBER OF BEDROOMS: 5 NUMBER OF OCCUPANTS: 4

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT ON SLAB
X CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

X 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

CLOSING DATE 03-31-04

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

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES X NO TYPE: ___

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ SHARED WELL (S)
___ MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
X PRIVATE WELL (P)

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

BURIED CABLES, LANDFILLS, STUMPHOLES	X YES ___ NO	WELL, SPRINGS OR WATERLINES	___ YES ___ NO
EXISTING WASTEWATER SYSTEMS	___ YES ___ NO	DESIGNATED WETLANDS	___ YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS	___ YES ___ NO		

PROPERTY OWNER:

NAME: Dellinger (LAST) Erin (FIRST) A. (MI)

ADDRESS: 10319 Crestwell Ct.

CITY: Charlotte STATE: NC ZIP: 28215

DAYTIME PHONE: 704 458-4289

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Steele (LAST) Jimmie (FIRST) E. (MI)

DAYTIME PHONE: 704 641-6677

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 4-4-2003

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

SIGNED: Erin A. Dellinger DATE: 2-20-04

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

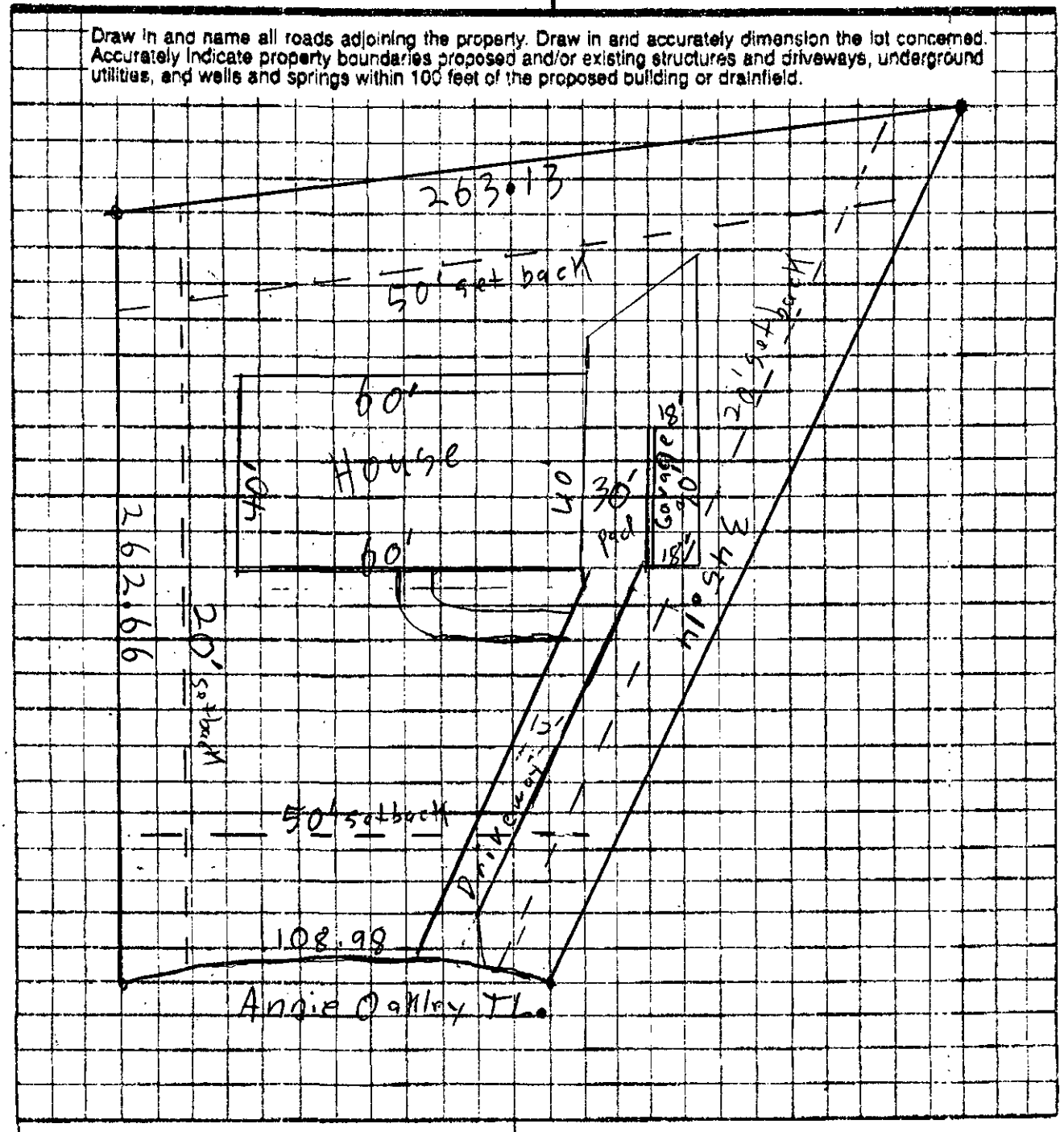
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5525B

TC: 197-191-41

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

ACTIVITY REPORT

LOG NUMBER: 2006-00128 **ACTIVITY DATE:** 03/01/2006
TYPE OF ACTIVITY: Office Report
FILE DESCRIPTOR: GW-WI-CO-

SITE INFO

SITE: WILSON / SEVERT PROPERTY **PARCEL ID:** 19710106
ADDRESS: 9000 BRIEF RD
MINT HILL NC 28227- -

CONTACT: DAVID L.WILSON
BUSINESS PHONE NO: (704) 545-4227

ACTIVITY

EPIC Rept. for ARGU Review
10131 Annie Oakley Trail, Charlotte, NC 28227
PID# 197-191-41
File # 5525B

Public water supplied by CMUD is currently not available at this site.

2/27/06 (Mon.) - Received request for ARGU review for new WSW located at 10131 Annie Oakley Trail, Charlotte, PID #197-191-41. According to the WIS, there are no existing wells at this property.

3/1/06 (Wed.) - Conducted ARGU Review. Identified 1 MPL site within 2,000' of the subject parcel:

MPL# 1126 Wilson/Severt Property
9000 Brief Rd., Charlotte, NC 28227
PID# 197-101=06
NCDENR UST Section Inc. #27407
Source- heating oil UST

File Review of MPL# 1126:

NCDENR UST database indicates that a LSA was received for this soil only incident no. 27407 and the incident was ranked as a high risk site. It was accepted in by the State Lead Program for UST incidents with no or recalcitrant RPs on 3/1/05 and remains an active High Risk site with the UST Section.

A MPL investigation was conducted by GWS staff in Nov. 2002. Thirty-one WSWs observed within 1500' and two WSWs were sampled. No wells were impacted.

The subject site is outside the 1,500' ARGU buffer from the Wilson/Severt Property.

Based on review of MPL #1126, this NCDENR UST Section incident is a soil only site with soil contamination remaining from a release from a home heating oil UST and is approximately 1800 to 1900 feet from the subject site. The permit for a new well installation at PID# 197-191-41, 10131 Annie Oakley Trail, Charlotte is therefore approved and the well would not be inside a 1,500' ARGU buffer, so it will only require installation under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004 with no other special conditions.

End.

VIOLATIONS

VIOLATION COMMENTS:

VIOLATION # DESCRIPTION

ACTIVITY REPORT

SAMPLES

SUMMARY

STATUS: CLOSED
DATE CLOSED: 11/30/2006
MISC EXPENSES: 0.00

TIME ON SITE: :
TRAVEL TIME: :
ADMIN TIME: 1:30
MILEAGE:

STATE REPORT FORM:
SUMMARY:

SIGNATURES

ENVIRONMENTALIST: _____ **DATE** 03/01/2006
Shawna Caldwell

REVIEWED BY: _____ **DATE** 11/29/2006
Jack L. Stutts

WELL CONSTRUCTION RECORD

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

WELL CONTRACTOR (INDIVIDUAL) NAME (print) DERRY'S WELL DRILLING, INC. CERTIFICATION # 2663

WELL CONTRACTOR COMPANY NAME DERRY HU NEYCUTT PHONE # 704-982-3070

cocklin [illegible] WELL CONSTRUCTION PERMIT# 10000423 ASSOCIATED WQ PERMIT# _____
0 (if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☒ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☐ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use _____

2. WELL LOCATION:
Nearest Town: MATTHEWS County MECKLENBURG
10131 ANNIE OAKLEY TRL
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☐Ridge ☐Slope ☐Valley ☐Flat
(check appropriate box)
Latitude/longitude of well location
_____
(degrees/minutes/seconds)
Latitude/longitude source: ☐GPS ☐Topographic map
(check box)

3. OWNER: GREGORY J. /DEBRA F. SHUMAKER
Address 10131 ANNIE OAKLEY TRL.
(Street or Route No.)
CHARLOTTE NC 28227
City or Town State Zip Code
(___)-_____
Area code- Phone number

4. DATE DRILLED 04/29/06
5. TOTAL DEPTH: 200'
6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒
7. STATIC WATER LEVEL Below Top of Casing: 41 FT.
(Use "+" if Above Top of Casing)
8. TOP OF CASING IS 1 FT. Above Land Surface*
*Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C .0118.
9. YIELD (gpm): 15 METHOD OF TEST AIR
10. WATER ZONES (depth): 170

DEPTH From	To	DRILLING LOG Formation Description
0	45	BROWN DIRT
45	51	GRANITE
SEAMS:		
70, 77, 81		
86, 95, 115		
125, 130, 150		
168		
170		15 GPM

11. DISINFECTION: Type GRANULAR Amount 1/2-LB.
12. CASING:

	Depth		Diameter	Wall Thickness or Weight/Ft.	Material
From 0	To 52	Ft	6 1/8"	SDR-21	PVC
From	To	Ft			
From	To	Ft			

13. GROUT:

	Depth		Material	Method
From 0	To 52	Ft	CEMENT	GRAVITY
From	To	Ft		

14. SCREEN:

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

15. SAND/GRAVEL PACK:

	Depth		Size	Material
From	To	Ft		
From	To	Ft		

LOCATION SKETCH
Show direction and distance in miles from at least two State Roads or County Roads. Include the road numbers and common road names.

16. 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.

Mary L. Neycutt 05/02/2006
SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC 27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

Derry's Well Drilling, Inc.
44283 A NC Hwy. 24/27/73 East
Albemarle, NC 28001

Derry's Well Drilling, Inc.

PHONE: 704-982-3070
FAX: 704-982-2821

Fax

To: Mecklenburg County GWS From Derry L. Huneycutt

Fax: 704-336 6894 Date: 9-5-06

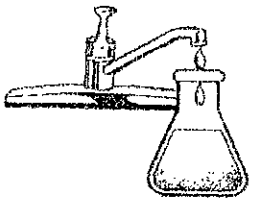
Phone: 704-336 5571 Pages: (2) including cover

Re: CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

•Comments:

ATTN: David Cornelius
Well Construction Record
Gregory Shumaker



K & W Laboratories
9331-B Albemarle Road
Charlotte, North Carolina 28227
Tel (704) 569-1800 Fax (704) 569-0055

Date 09/01/06

Client: Greg Shumaker
309 Gatewood Lane
Matthews, NC 28104

Project: Greg Shumaker
10131 Annie Oakley Trail
Charlotte, NC 28227

Sample Description: Drinking Water
Sample Number: E2612
Sample Date: 08/31/06
Sample Time: 15:40

Date Analysis Begun:	08/31/06	Time Analysis Begun:	15:50
Date Analysis Completed:	09/01/06	Time Analysis Completed:	16:00

Parameter	Results	Method
Total Coliform	**Absent**	Colilert
Fecal Coliform	**Absent**	Colilert

Parameter	Results	Units	Method	Date Analyzed
Nitrate	**<1.0**	mg/l	SM4500-NO3-D	09/01/06
Nitrite	**<0.05**	mg/l	SM4500-NO2-B	09/01/06

EPA Maximum Contaminant Level
Nitrate 10 mg/l
Nitrite 1.0 mg/l

Certified By: Wkrosbie

NC Certification: 37767
SC Certification: 99051

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources
Groundwater & Wastewater Services

Fax Coversheet

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To: Greg Shumaker — Fax #: 704-534-1091

Phone #: _____

From: Lewis Craig, LWS — Date: 3/28/06

Number of pages transmitted: 2 (including coversheet)

Comments: Please print name, sign and fax back to this office at 704-336-6894

If you do not receive all pages of this fax please call (704) 336-5103.

☑ Original will not follow

☐ Original will follow via: ☐ U.S. Mail ☐ Hand Delivery ☐ _____

700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236
Office #: (704) 336-5103 • Fax #: (704) 336-6894

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

55258

Permit #: 10000423 **File #:** 55258 **Tax Parcel #:** 197-191-41
Property Owner: DEBRA F. SHUMAKER
Job Location Address: 10131 ANNIE OAKLEY TRL
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28227
Permit Issuance Date: 3/1/2006
Use of Well: Potable
Type of Facility Served by Well: House
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: YES

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 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:

PAUL P. CORNELIUS
Authorized Agent: Print Name
Signature:

Gregory J Shumaker / Debra F Shumaker
Owner/Legal Agent: Print Name
Signature: Gregory J Shumaker / Debra F Shumaker

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 #: 10000423 **File #:** 5525B **Tax Parcel #:** 197-191-41
Property Owner: DEBRA F. SHUMAKER
Job Location Address: 10131 ANNIE OAKLEY TRL
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28227
Permit Issuance Date: 3/1/2006
Use of Well: Potable
Type of Facility Served by Well: House
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: YES

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 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:

DAVID CORNELIUS
Authorized Agent: Print Name

Signature:

Owner/Legal Agent: Print Name

Signature:

K&W LABORATORIES
FAX COVER SHEET

Send to: David Cornelius	**From:** Gosia Krusiec
Attention:	Date: 09/01/06
Fax number: 704-336-6894	Phone number: 704-569-1300

☐ **Urgent** ☐ **Reply ASAP** ☐ **Please comment** ☐ **Please review** ☐ **For your information**

Total pages, including cover:

Comments:

David #423

GWS – RTS, APP 07/05

SEPTIC FEE:
DATE: _____
CRT [ ]

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 # 5525B

WELL FEE: 400
DATE: 2/24/06
CRT [ ] VISA JBA

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 #: 197191-41
STREET ADDRESS: 10131 ANNIE OAKLEY TRAIL
CITY: MINT HILL Charlotte
STATE: NC ZIP: 28227
SUBDIVISION OR MOBILE HOME PARK NAME: Pleasant Valley
LOT #: 4
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: 3861
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2

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: Debra F. Shumaker (Debra F.)
ADDRESS: 309 Gatewood Lane
CITY: MATTHEWS
STATE: NC ZIP: 28104
HOME PHONE: 704 708 4954 WORK PHONE: 704-651-8986
MOBILE PHONE: 704-651-5726 FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? AUG. 3, 2004
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? July 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.

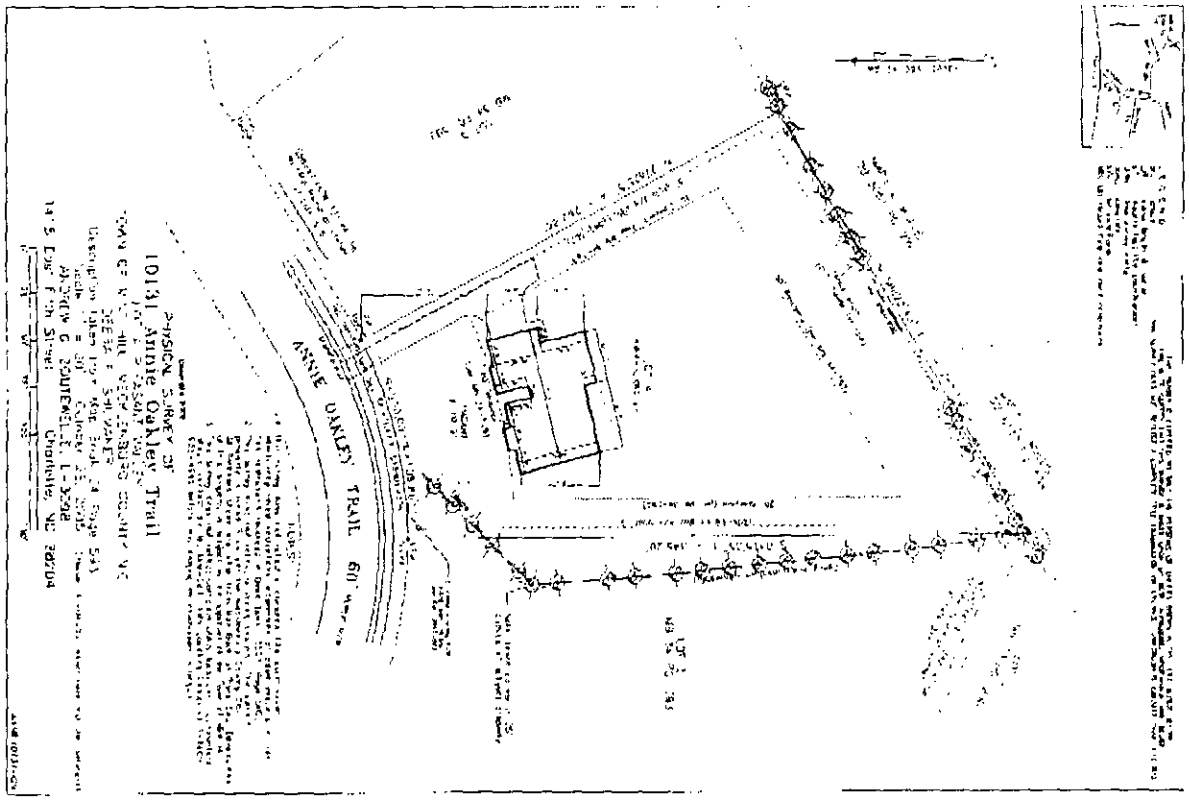
× Debra Shumaker
Owner's/Agent's Signature Date

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.

× Debi Shumaker 2-23-06
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



SITE PLAN

C1

FOUNDATION

SHUMAKER
RESIDENCE
10131 ANNIE OAKLEY TRAIL
CHARLOTTE, NC 28227

DEVANE

file 5525B
PC 1971-41

App. #: 423

Septic Fee: 0.00

Date: CRT[ ]

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

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 5525B

Well Fee: 400.00

Date: 2/24/2006 CRT[ ]

SEPTIC / TYPE APPLICATION: (•) NONE ( ) NEW SYSTEM ( ) ALTERATION ( ) REPAIR ( ) MODIFIED PLOT PLAN

WELL / TYPE APPLICATION: ( ) NONE (•) NEW WELL ( ) MAJOR REPAIR ( ) ABANDONMENT

JOB LOCATION INFORMATION:

TAX / PARCEL #: 197-191-41 [ ] PO

STREET ADDRESS: 10131 ANNIE OAKLEY TRL

CITY: CHARLOTTE

STATE: NC ZIP: 28227

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 4

TOWNSHIP: MECKLENBURG

BUILDING INFORMATION:

TYPE OF BUILDING:

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

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

(•) HOUSE (H) ( ) OTHER

HEATED SQUARE FOOTAGE: 3861

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

[ ] CONCRETE SLAB [ ] BASEMENT WITH PLUMBING

[x] CRAWL SPACE [ ] BASEMENT WITH NO PLUMBING

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

NUMBER OF BEDROOMS TO BE ADDED: 0

NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 0

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE?: ( ) Yes (•) No TYPE:

WATER SUPPLY:

[ ] MUNICIPAL (M) [ ] PUBLIC (C) [x] 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: DEBRA F. SHUMAKER

ADDRESS: 309 GATEWOOD LANE

CITY: MATTHEWS

STATE: NORTH CAROLINA ZIP: 28104

HOME PHONE: 704-708-4454 WORK: 704-651-8986

MOBILE: 704-651-5726 FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:

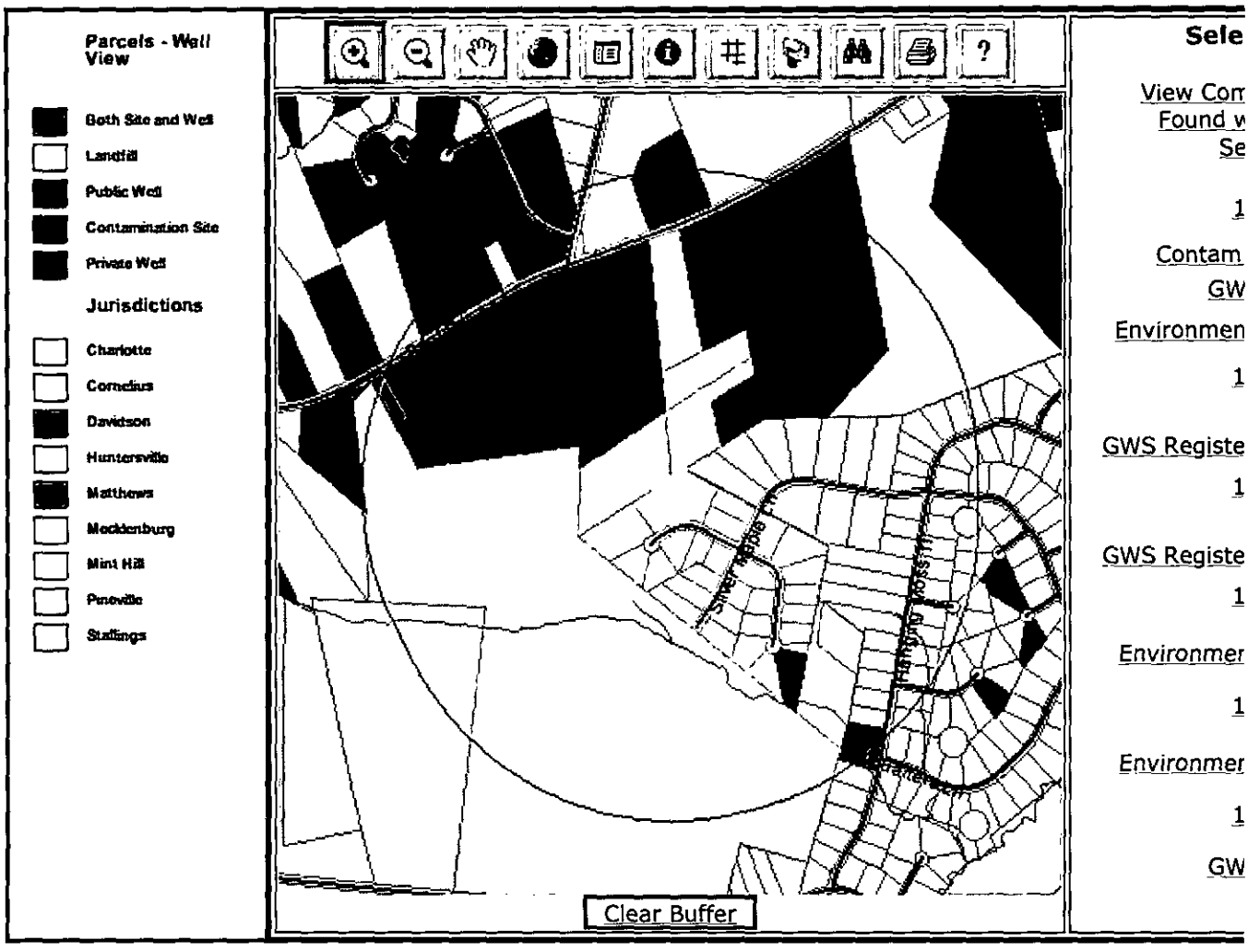
ADDRESS:

CITY:

STATE: ZIP:

HOME PHONE: WORK:

MOBILE: FAX:


Parcels - Well View
Both Site and Well
Landfill
Public Well
Contamination Site
Private Well
Jurisdictions
Charlotte
Cornelius
Davidson
Huntersville
Matthews
Mecklenburg
Mint Hill
Pineville
Stallings
Clear Buffer
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GW

Hydrogeologist Permit Application Review

Application #: 423

Permit File #: 5525B

Permit Type: New Well (Residential)

ARGU Review Completed: (•) Yes ( ) No

Permit Denial?: ( ) Yes (•) No

Additional Conditions:

☐ Full Grouting ☐ Casing to Bedrock ☐ Sampling

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

☐ Pesticides ☐ Herbicides ☐ Other

Comments/Other Sample Types:

EHS Review

The application has been forwarded to David Cornelius for review.

Date: 3/1/06
Reviewed By: SWC

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 197-191-41 File # 5525B

Street Address: 10131 Annie Oakley Trail, Charlotte, NC 28227

Contamination Site Information

(If more than one contamination site is within 2000 feet of the job location, fill out a separate review worksheet for each contamination site)

Tax Parcel ID #: 197-101-06 MPL # 1126

Street Address: 9000 Brief Rd., Charlotte, NC 28227

DENR Incident #: 27047

Current Status: Soil Only High Risk Incident accepted by State Lead Program Why? Heating Oil UST discovered during new house construction. LSA completed 2/19/03 and site ranked High Risk. Accepted by State Lead Program for incidents with no or recalcitrant RPs on 3/1/05. Soil only contamination.

Responsible Party: David and Nancy Wilson, B. Severt

Responsible Party Contact Info: 9000 Brief Rd.
Charlotte, NC 28227

File Review

Attach the most recent extent of contamination map for each constituent above either 2L groundwater standard or Maximum Soil Contaminant Concentration (MSCC).

Attach copies of groundwater flow maps. (Watch of seasonal change)

Attach a copy of the most recent summary table for soil/groundwater laboratory analysis
Is the source area identified in either the report text or on a site map? Attach map or if text only, indicated the location on an extent of contamination map.
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern? No

If Yes	ARGU is a 1500-foot buffer around the maximum extent of contamination

If No, is the source area defined?

If Yes	ARGU is a 1500-foot buffer around the source area
	Yes
If No	ARGU is a 1500-foot buffer around the contamination site property boundary.

Is a public water supply (other than transient or non-transient supply wells) available to the proposed job location? No

If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Is the well within the first 1000 feet of the ARGU?
	No
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Because, based on this review, MPL#1126 is a soil only UST incident related to a release from a home heating oil UST and the property where the well is proposed is not inside an ARGU buffer of 1500' from the source area of contamination at the Wilson/Severt Prop., the permit hould be approved with no special construction requirements related to a WSW constructed inside an ARGU.

EPIC Rept. for ARGU Review
10131 Annie Oakley Trail, Charlotte, NC 28227
PID# 197-191-41
File # 5525B

Public water supplied by CMUD is currently not available at this site.

2/27/06 (Mon.) - Received request for ARGU review for new WSW located at 10131 Annie Oakley Trail, Charlotte, PID #197-191-41. According to the WIS, there are no existing wells at this property.

3/1/06 (Wed.) - Conducted ARGU Review. Identified 1 MPL site within 2,000' of the subject parcel:

MPL# 1126 Wilson/Severt Property
9000 Brief Rd., Charlotte, NC 28227
PID# 197-101=06
NCDENR UST Section Inc. #27407
Source- heating oil UST

File Review of MPL# 1126:

NCDENR UST database indicates that a LSA was received for this soil only incident no. 27407 and the incident was ranked as a high risk site. It was accepted in by the State Lead Program for UST incidents with no or recalcitrant RPs on 3/1/05 and remains an active High Risk site with the UST Section.

A MPL investigation was conducted by GWS staff in Nov. 2002. Thirty-one WSWs observed within 1500' and two WSWs were sampled. No wells were impacted.

The subject site is outside the 1,500' ARGU buffer from the Wilson/Severt Property.

Based on review of MPL #1126, this NCDENR UST Section incident is a soil only site with soil contamination remaining from a release from a home heating oil UST and is approximately 1800 to 1900 feet from the subject site. The permit for a new well installation at PID# 197-191-41, 10131 Annie Oakley Trail, Charlotte is therefore approved and the well would not be inside a 1,500' ARGU buffer, so it will only require installation under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004 with no other special conditions.

End.

Mecklenburg County, NC Groundwater & Wasterwater Services
Contamination Site Information

For questions or comments concerning the information on this page call 704-336-5500.

***Parcel ID:** 19710106
Name: WILSON / SEVERT PROPERTY
House No: 9000
Street Dir:
Street Name: BRIEF
Street Type: RD
City: MINT HILL
State: NC
Zip: 28227
NC Incident Number: 27047 EXIT Well Information System →

* Link to GIS Real Estate System

Duck Creek Area
restricted area - endangered species
nothing there for CW hookup
according to 3/1/06
telephone conversation w/
CMUD

GROUNDWATER CONTAMINATION QUERY RESULTS

Incident #	Incident Location/Name	Address	City/Town	County	Region	Source Desc	Type Desc	Submitted Date	Incident Phase
27047	WILSON / SEVERT PROPERTY	9000 BRIEF ROAD	CHARLOTTE	MECKL	MOR	Underground Storage Tank	Gasoline	10/2/2002	FU

Number of Records: 1

Soil only UST incident.
LSA received on 2/19/03.
State Lead Site on 3/1/05.
High Risk