

14717 BIRNAMWOOD LN

21912425

1/11/2008

duponbj

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

Permit To Construct A Water Supply Well

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 #: 10001638 **File #:** 6858B **Tax Parcel #:** 219-124-26
Property Owner: ROLLINS INDUSTRIES LLC
Job Location Address: 14717 BIRNAMWOOD LN
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28278
Permit Issuance Date: 11/22/2006
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 Caroline 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):

[X] Grout must be placed the full extent of the casing. [X] Casing to bedrock.
[X] Initial water sample to be taken and analyzed for (check all that apply).

[X] 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:

Sample for VOCs following installation and annually thereafter

Chris Sherrill, RS, LSS
Authorized Agent Print Name
Signature:

Wesley F. Rollins (Member)
Owner/Legal Agent: Print Name
Signature: Wesley F. Rollins

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 6858B WASPS App #: 1638

Primary ES assigned to project: Chris Shemill

Secondary ES assigned to project: Josh Sellers

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 ☐		

Items requiring correction/modification: 1

Comments:
11/22/06 - Need signed copy of permit before forwarding to Josh

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 ☐	

Items requiring correction/modification: _____

Comments:

Application received date: _____ ES assigned date: _____ Permit issued date: _____

Well approval date: _____ *Number of days to complete project:* _____

Review performed by: _____ Date performed: _____

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
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PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10001638 **File #:** 6858B **Tax Parcel #:** 219-124-25
Property Owner: ROLLINS INDUSTRIES LLC
Job Location Address: 14717 BIRNAMWOOD LN
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28278
Permit Issuance Date: 11/22/2006
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.

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

[X] Grout must be placed the full extent of the casing. [X] Casing to bedrock

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

[X] 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:

Sample for VOCs following installation and annually thereafter.

Chris Sherrill, RS, LSS
Authorized Agent: Print Name

Signature:

Owner/Legal Agent: Print Name

Signature:

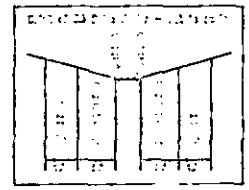
EROSION CONTROL PLAN PREPARED FOR

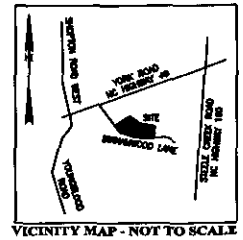
WESLEY F. ROLLINS OF ROLLINS DEVELOPMENT, LLC.

TAX PARCEL: 219-124-25

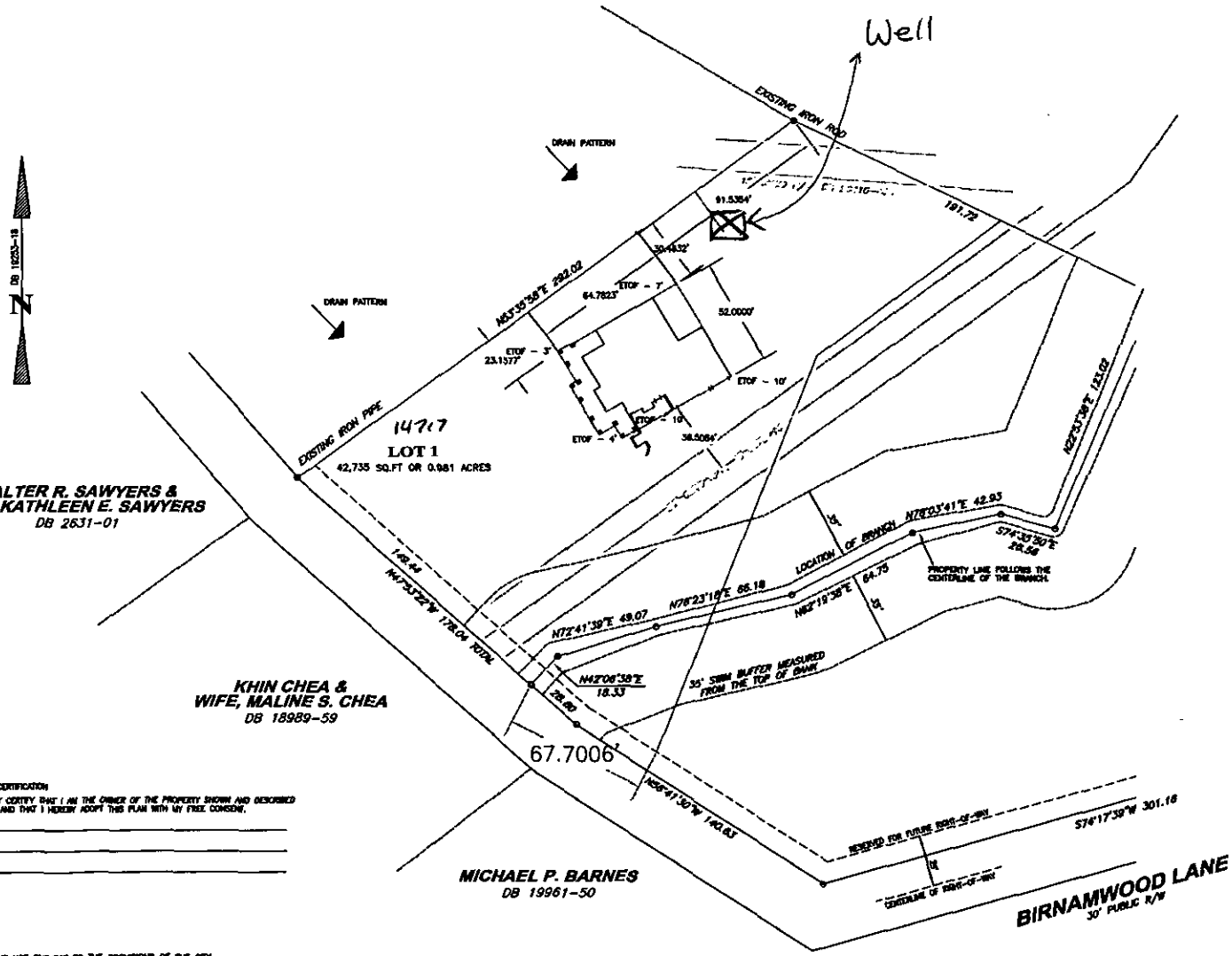
80 40 0 40 80

1 INCH = 40 FEET





VICINITY MAP - NOT TO SCALE



DEVELOPMENT DATA

ZONING CLASSIFICATION: R-3
ZONING JURISDICTION: CITY OF CHARLOTTE
MINIMUM LOT SIZE: 12,000 SQ.FT.
MINIMUM LOT WIDTH: 70 FEET
FRONT SETBACK: 30 FEET
SIDE YARD: 8 FEET
REAR YARD: 40 FEET

NOTES

1. THIS SURVEY CREATES AN EROSION CONTROL PLAN
2. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
3. 1/2" IRON RODS AT ALL CORNERS UNLESS OTHERWISE NOTED. (NO POINTS WERE SET IN THE CENTERLINE OF THE BRANCH.)
4. NO NCGS MONUMENT WAS FOUND WITHIN 2000' OF SUBJECT PROPERTY.
5. SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS PER FEMA COMMUNITY PANEL 3701090262 E, DATED FEBRUARY 4, 2004.

LEGEND

NCGS – NORTH CAROLINA GEODETIC SURVEY
SQ.FT. – SQUARE FEET
R/W – RIGHT-OF-WAY
CMUD – CHARLOTTE MECKLENBURG UTILITY DEPARTMENT
ETOF – ELEVATION TOP OF FOUNDATION

OWNER CERTIFICATION

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I HEREBY ADOPT THIS PLAN WITH MY FREE CONSENT.

OWNER _____

TITLE _____

DATE _____

THIS PLAT IS NOT SUBJECT TO THE PROVISIONS OF THE CITY OF CHARLOTTE OR MECKLENBURG COUNTY SUBDIVISION ORDINANCES AND DOES NOT REQUIRE THE APPROVAL OF THE CHARLOTTE-MECKLENBURG PLANNING COMMISSION. HOWEVER, ANY FURTHER SUBDIVISION OF THIS PROPERTY MAY BE SUBJECT TO THESE PROVISIONS.

CHARLOTTE-MECKLENBURG PLANNING COMMISSION

_____ _____

PLANNING COMMISSION STAFF DATE

THE PURPOSE OF THIS MAP IS TO ILLUSTRATE AN EROSION CONTROL PLAN.

SCALE: 1"=40'
FILE: BIRNAMWOOD PLAT

CS #1638

GWS – RES. 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

WELL FEE: 400.00
DATE: 11/9/06
CRT [ ] CK # JKA

FILE # 16858B

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 #: 219-124-25 (Parent Parcel)
STREET ADDRESS: 14717 Birnamwood Ln
CITY: Charlotte
STATE: NC **ZIP:** 28
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 1
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:
NUMBER OF OCCUPANTS:

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: Rollins Industries, LLC
ADDRESS: 2001 Driftwood Circle
CITY: Fort Mill
STATE: SC ZIP: 29708
HOME PHONE: 803-348-8790 WORK PHONE: 803-348-8790
MOBILE PHONE: 803-348-8790 FAX: 803-548-5113

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Wesley Rollins
ADDRESS: 2001 Driftwood Circle
CITY: Fort Mill
STATE: SC ZIP: 29708
HOME PHONE: 803-348-8790 WORK PHONE: 803-348-8790
MOBILE PHONE: 803-348-8790 FAX: 803-548-5113

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 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.

Wesley J Rollins 11/8/06
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

DATE: 09/07/2006 PERMIT NUMBER: _____

TO: CHARLOTTE-MECKLENBURG CODE ENFORCEMENT

FROM: MECKLENBURG COUNTY GIS JURISDICTION: CHAR

219-124-25

PARCEL NUMBER

14717 BIRNAMWOOD LN

ASSIGNED STREET ADDRESS (ADDRESS OF RECORD)

LOT 1

EXISTING STREET ADDRESS (IF DIFFERENT FROM ASSIGNED)

N/A

PROJECT NAME (IF APPLICABLE)

Remarks: NEW LOT

Signed _____

Addressing Verification Form Disclaimer Statement

The party indicated on this application shall be responsible for maintaining this address throughout the life of the project from plan submittal through final C/O. The contents of this form reflect information provided by the party listed on this form.

Incorrect information may result in delays in getting final approval of permits and the final C/O

Special Circumstances: If a temporary address is being verified for the purposes of Plan Review, the responsible party will be required to obtain and submit a new form verifying the permanent address prior to issuance of the permit.

Name (please print) _____

Company _____

Company Address _____

_____

Telephone # _____

Signature _____

Date _____

Revised Oct-2005

Hydrogeologist Permit Application Review

Application #: 1638
Permit File #: 6858B

Permit Type: New Well (Residential)

ARGU Review Completed: (•) Yes ( ) No

Permit Denial?: ( ) Yes (•) No

Additional Conditions:

[x] Full Grouting [x] Casing to Bedrock [x] Sampling

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

[ ] Pesticides [ ] Herbicides [ ] Other

Comments/Other Sample Types:

Sample for VOCs following installation and annually thereafter.

EHS Review | Update | The application has been forwarded to Chris Sherrill for review.

11-15-06

Phone conversation w/ Mr Rollins
He indicated he would delete my
CW. He will need to do app.
and we may then be able to do
a letter req. Expedite my ext.
CMUD told Mr Rollins they
cannot extend WL because not
~~not~~ at 3 of state maintained

App. #: 1638

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 # 6858B

Well Fee: 0.00

Date: 11/9/2006

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 #: 219-124-25 ☐ PO

STREET ADDRESS: 14717 BIRNAMWOOD LN

CITY: Charlotte

STATE: NC ZIP: 28278

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 0

TOWNSHIP: 01

General Comments:

BUILDING INFORMATION:

TYPE OF BUILDING:

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

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

(•) HOUSE (H) ( ) OTHER

HEATED SQUARE FOOTAGE: 5200

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 4

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING

☐ CRAWL SPACE ☐ *BASEMENT WITH NO PLUMBING*

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

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) ☑ 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: ROLLINS INDUSTRIES LLC

ADDRESS: 2001 DRIFTWOOD CIRCLE

CITY: FORT MILL

STATE: SOUTH CAROLINA ZIP: 29708

HOME PHONE: 803-348-8790 WORK: 803-348-8790

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: WESLEY ROLLINS

ADDRESS: 2001 DRIFTWOOD CIRCLE

CITY: FORT MILL

STATE: SOUTH CAROLINA ZIP: 29708

HOME PHONE: 803-348-8790 WORK: 803-348-8790

MOBILE:		FAX: 704-548-5113	MOBILE:		FAX: 704-548-5113

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

PRINT | Update | Go to Front Counter | Duplicate

Date:11/10/06
Reviewed By:_SWC___

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 219-124-25 File # 6858B

Street Address: 14717 Birnamwood Ln., Charlotte

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 #: 219-111-30 MPL # 1336

Street Address: 14624 Birnamwood Ln., Charlotte, NC 28278

DENR Incident #: 86998

Current Status: Active Why? Solvent cont. detected in WSWs. Unknown source.

Responsible Party: Unknown

Responsible Party Contact Info:

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. N
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern?

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

If No, is the source area defined? N

If Yes	ARGU is a 1500-foot buffer around the source area
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? N

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?
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Grout full length of casing and initial sample and annual sampling thereafter for VOC's.

EPIC Rept. for ARGU Review
14717 Birnamwood Ln., Charlotte, NC 28278
PID# 219-124-25
File # 6858B

Public water supplied by CMUD is not currently available at this site. According to a telephone conversation with CMUD on 11/10/06, the city water line is within 600 to 650' of this site. Spoke with property owner, Mr. Wes Rollins, on 11/17/06 regarding city water options. Because road not maintained by city or state, CMUD will not extend a water line to this property.

11/10/06 (Friday) - Received request for ARGU review for new WSW located at 14717 Birnamwood Ln., Charlotte, PID#219-124-25. According to the WIS, there is an existing well at this property.

11/10/06 (Friday) - Conducted ARGU Review. Identified 1 MPL site within 2,000' of the subject parcel:

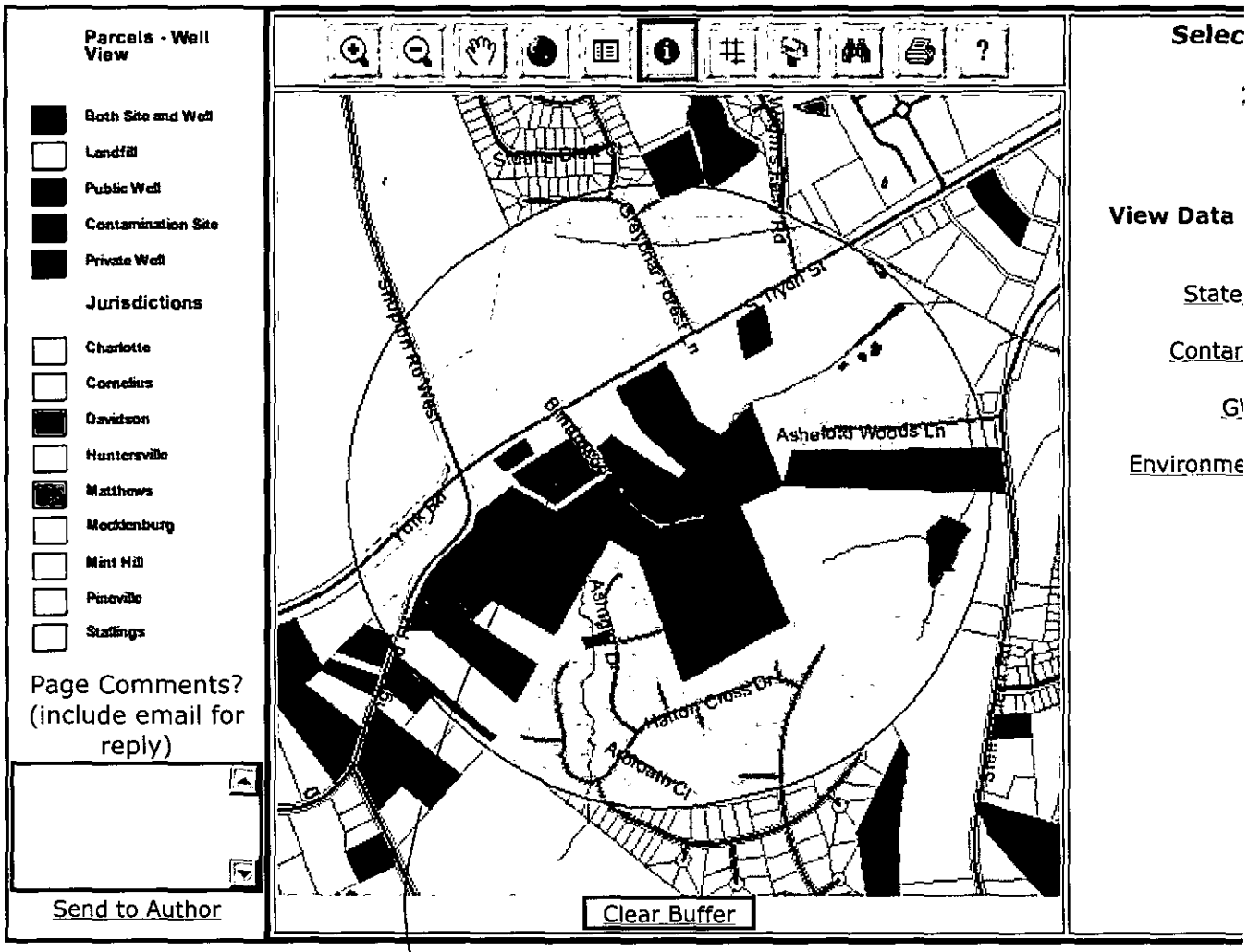
MPL# 1336 Birnamwood Lane
1464 Birnamwood Lane, Charlotte, NC 28278
PID# 219-111-30
NCDENR AP Incident No. 86998
Unknown source of chlorinated solvents in WSW

File Review of MPL# 1336:
NCDENR file indicates that this is a high risk GW incident with chlorinated solvent contamination originally detected in WSW at this location with continued monitoring of WSWs in area because the source is unknown. Chlorinated solvent contaminants also historically detected in NCDENR samples from the WSW at PID# 219-111-31.

A MPL investigation was conducted by GWS staff in June 2006. Located 17 area WSWs and five adjacent in use WSWs were sampled for VOCs. Chlorinated solvents were detected in the McAuley Well, PID#219-111-30 exceeding the NCDENR 2L standards and the federal drinking water standards. No contaminants were detected in the other WSWs sampled.

The subject site property boundary is within 250' from the Birnamwood Lane MPL property boundary. Because the source area has not been defined, ARGU is a 1500-foot buffer around the contamination site property boundary.

Based on review of MPL# 1336, the permit for a new well installation at PID# 219-124-25, 14717 Birnamwood Lane, Charlotte is approved. The well is inside a 1,500' ARGU buffer and will require installation under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated Groundwater Usage to include grouting the full extent of the casing and GW sampling for VOCs following installation and annually thereafter.



MPL#1336
Birnamwood Ln

NCDENR HPS# 00998
Solvent VOC impact
Unknown source

According to phone call to CMUD on 11-10-06 city water line within 600-650' - only to 14624 Birnamwood Dr., do not in front of 14717 Birnamwood Dr.

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:** 21911130
Name: BIRNAMWOOD LANE
House No: 14624
Street Dir:
Street Name: BIRNAMWOOD
Street Type: LN
City: CHARLOTTE
State: NC
Zip: 28278
NC Incident Number: 86998 EXIT Well Information System

* Link to GIS Real Estate System

MPL# 1336
PID# 219-111-30
Birnamwood Ln.
14624 Birnamwood Ln., Charlotte

6/15/06

File indicates impact to GW was detected including 1,1 DCE and 1,1,1 TCA following sampling of a residential WSW. NCDENR Aquifer Protection Inc. # is 86998 and NCDENR does not indicate an RP or source for this impact to GW.

Constructed maps of 1,500 radius including parcels and wells.
Tabulated tax parcel info in the 1500' radius.
Referenced CMUD lakefront accts., sewer only accts. and stormwater only accts. to tax parcels within 1500' to determine likely areas for WSWs to be located. CMUD files researched to determine city water hookups in area.

6/23/06

Windshield survey of area within 1,500' radius. Located 17 residential WSWs within 1,500. Some wells are out of use, but not abandoned. The five adjacent in use WSWs (PID#s 219-111-30, 219-111-21, 219-111-31, 219-111-29 and 219-111-28) were sampled for analysis for volatiles.

7/25/06

Entered well info in EPIC

Results from the McAuley Well (PID#219-111-30) indicated detections of 1,1 DCE at 11 ppb and 1,1,1 TCA at 6 ppb. The 2L standard and federal drinking water standard for 1,1 DCE is 7 ppb, so these results were submitted to Dr. Ken Rudo, state toxicologist, who indicated that the water was not safe for drinking or cooking and to avoid prolonged bathing and showering. 1,1,1 TCA was also detected, but below the standards. It appears that this residence has a city water hookup and that the WSW is used for irrigation. No other contaminants were detected in the other WSWs sampled. Results and health risk evaluations were forwarded to well owners and NCDENR Aquifer Protection Section.

Recommend confirmatory resampling of McAuley Well to determine next course of action. NCDENR Aquifer Protection Section to resample in August 2006 and copy Meck. Co. GW Section on the results. This site should remain active and WSWs in the area should be placed on a semi-annual sampling plan.

ACTIVITY REPORT

LOG NUMBER: 2006-00717
ACTIVITY DATE: 11/20/2006
TYPE OF ACTIVITY: Office Report
FILE DESCRIPTOR: GW-MONIT-CO-

SITE INFO

SITE: BIRNAMWOOD LANE
PARCEL ID: 21911130
ADDRESS: 14624 BIRNAMWOOD LN
CHARLOTTE NC 28278-
CONTACT: MR. JAMES MCAULEY
BUSINESS PHONE NO: ( ) -

ACTIVITY

EPIC Rept. for ARGU Review
14717 Birnamwood Ln., Charlotte, NC 28278
PID# 219-124-25
File # 6858B

Public water supplied by CMUD is not currently available at this site. According to a telephone conversation with CMUD on 11/10/06, the city water line is within 600 to 650' of this site. Spoke with property owner, Mr. Wes Rollins, on 11/17/06 regarding city water options. Because road not maintained by city or state, CMUD will not extend a water line to this property.

11/10/06 (Friday) - Received request for ARGU review for new WSW located at 14717 Birnamwood Ln., Charlotte, PID#219-124-25. According to the WIS, there is an existing well at this property.

11/10/06 (Friday) - Conducted ARGU Review. Identified 1 MPL site within 2,000' of the subject parcel:

MPL# 1336 Birnamwood Lane
1464 Birnamwood Lane, Charlotte, NC 28278
PID# 219-111-30
NCDENR AP Incident No. 86998
Unknown source of chlorinated solvents in WSW

File Review of MPL# 1336:
NCDENR file indicates that this is a high risk GW incident with chlorinated solvent contamination originally detected in WSW at this location with continued monitoring of WSWs in area because the source is unknown. Chlorinated solvent contaminants also historically detected in NCDENR samples from the WSW at PID# 219-111-31.

A MPL investigation was conducted by GWS staff in June 2006. Located 17 area WSWs and five adjacent in use WSWs were sampled for VOCs. Chlorinated solvents were detected in the McAuley Well, PID#219-111-30 exceeding the NCDENR 2L standards and the federal drinking water standards. No contaminants were detected in the other WSWs sampled.

The subject site property boundary is within 250' from the Birnamwood Lane MPL property boundary. Because the source area has not been defined, ARGU is a 1500-foot buffer around the contamination site property boundary.

Based on review of MPL# 1336, the permit for a new well installation at PID# 219-124-25, 14717 Birnamwood Lane, Charlotte is approved. The well is inside a 1,500' ARGU buffer and will require installation under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated Groundwater Usage to include grouting the full extent of the casing and GW sampling for VOCs following installation and annually thereafter.

VIOLATIONS

VIOLATION COMMENTS:

VIOLATION # DESCRIPTION

ACTIVITY REPORT

SAMPLES

SUMMARY

STATUS: CLOSED
DATE CLOSED: 11/28/2006
MISC EXPENSES: 0.00

TIME ON SITE: :
TRAVEL TIME: :
ADMIN TIME: 4:00
MILEAGE:

STATE REPORT FORM:
SUMMARY:

SIGNATURES

ENVIRONMENTALIST: _____ **DATE** 11/20/2006
Shawna Caldwell

REVIEWED BY: _____ **DATE** 11/22/2006
Jack L. Stutts

ACTIVITY REPORT

LOG NUMBER: 2006-00717 **ACTIVITY DATE:**11/20/2006
TYPE OF ACTIVITY: Office Report
FILE DESCRIPTOR: GW-MONIT-CO-

SITE INFO

SITE: BIRNAMWOOD LANE **PARCEL ID:**21911130
ADDRESS: 14624 BIRNAMWOOD LN
CHARLOTTE NC 28278- -

CONTACT: MR. JAMES MCAULEY
BUSINESS PHONE NO: ( ) -

ACTIVITY

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VIOLATIONS

VIOLATION COMMENTS:

VIOLATION # DESCRIPTION

ACTIVITY REPORT

SAMPLES

SUMMARY

STATUS: OPEN
DATE CLOSED:
MISC EXPENSES: 0.00

TIME ON SITE: :
TRAVEL TIME: :
ADMIN TIME: 4:00
MILEAGE:

STATE REPORT FORM:
SUMMARY:

SIGNATURES

ENVIRONMENTALIST: _____ **DATE** 11/20/2006
Shawna Caldwell

REVIEWED BY: _____ **DATE** 11/22/2006
Jack L. Stutts