

7515 WARREN RD

11519102

5/21/08

marliwr

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

3559 SC thru DH

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES 4095
Commercial site

APPLICATION FOR A ~~RESIDENTIAL SITE~~ IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ■ N/A ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☐ N/A ☐ NEW WELL ☐ MAJOR REPAIR ■ ABANDONMENT

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 115-191-02
STREET ADDRESS: 7515 Warren Road
CITY: Charlotte
STATE: NC ZIP: 28208
SUBDIVISION NAME:
LOT #: B LOT SIZE (acres): < 1 acre
TOWNSHIP:
■ 6-MECKLENBURG ☐ 3-CORNELIUS ☐ 8-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:
BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☐ HOUSE ■ OTHER hangar
HEATED SQUARE FOOTAGE: 32,562
NUMBER OF BEDROOMS: None
NUMBER OF OCCUPANTS: Vacant
FOUNDATION TYPE:
■ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ■ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ☐ MUNICIPAL ■ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. PROPOSED USE OF WELL: ■ N/A ☐ IRRIGATION ☐ POTABLE (DRINKING WATER) ☐ OTHER _____

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

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES ■ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES ■ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES ■ NO	JURISDICTIONAL WETLANDS	☐ YES ■ NO
WELLS, SPRINGS, OR WATER LINES	■ YES ☐ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES ■ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES ■ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES ■ NO
CHEMICAL/PETROLEUM STORAGE TANKS	☐ YES ■ NO	KNOWN UNDERGROUND CONTAMINATION	■ YES ☐ NO
WASTE STORAGE	☐ YES ■ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	■ YES ☐ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____ ■ UNKNOWN

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

12. PROPERTY OWNER:
NAME: City of Charlotte Property Management
ADDRESS: 600 East Fourth Street
CITY: Charlotte
STATE: NC ZIP: 28202
HOME PHONE:
WORK PHONE 704-359-8000
MOBILE PHONE:
FAX:

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: Rob Foster / MACTEC
ADDRESS: 2801 Yorkmont Rd, Suite 400
CITY:
STATE: ZIP: 28208
HOME PHONE:
WORK PHONE: 357-8600
MOBILE PHONE:
FAX: 357-8638

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and flagging of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or indefinite pending depending upon the documentation submitted: complete site plan = 60 months; complete plat = non-expiring.

_____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and flagging of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

RCF (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

Property Owner's or Owner's Legal Representative Signature — 3.4.09 Date

OFFICE USE ONLY

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

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

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

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

#9 Known groundwater contamination at the site is monitored by NC Division of Water Quality - Public Water Supply Section

#9 Groundwater at this site is restricted to Non-potable purposes only. All structures at this site are scheduled for demolition and removal. The site is unoccupied and is part of the construction area for the Charlotte Airports Third Parallel Runway Project.

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

PERMIT TO CONDUCT MAJOR REPAIR AND/OR ABANDON A WATER SUPPLY WELL

Permit#: 10004095 **File #:** 3559 **Tax Parcel #:** 115-191-02
Property Owner: City of Charlotte Property Management
Job Location Address:7515 WARREN RD
City/ETJ:CHARLOTTE **State:** NC **Zip Code:** 28208
Permit Issuance Date: 3/9/2009
Use of Well: N/A
Type of Facility Served by Well:
Project Type: Abandonment

Area of Regulated Groundwater Usage Restrictions Apply: YES

If Yes, see requirements in Specific Conditions of This Permit.

General Conditions of This Permit:

- The Water Supply Well repair or abandonment 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.
- Repair of any Water Supply Well with the well head terminating below ground surface (buried seal) shall include extending the well casing at least twelve inches above the surface.
- 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.

☐ 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)

Other Conditions of This Permit:

Well is required to be abandoned according to the procedures for permanent abandonment of contaminated water supply wells in the Meck. Co. GW Regulations.

Debra Howell, R.S.
Authorized Agent: Print Name

Debra Howell R.S.
Signature:

Owner/Legal Agent: Print Name

Signature:

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

PERMIT TO CONDUCT MAJOR REPAIR AND/OR ABANDON A WATER SUPPLY WELL

Permit#: 10004095 **File #:** 3559 **Tax Parcel #:** 115-191-02
Property Owner: City of Charlotte Property Management
Job Location Address: 7515 WARREN RD
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28208
Permit Issuance Date: 3/9/2009
Use of Well: N/A
Type of Facility Served by Well:
Project Type: Abandonment

Area of Regulated Groundwater Usage Restrictions Apply: YES
If Yes, see requirements in Specific Conditions of This Permit.

General Conditions of This Permit:

- The Water Supply Well repair or abandonment 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.
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- 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.
☐ 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)

Other Conditions of This Permit:

Well is required to be abandoned according to the procedures for permanent abandonment of contaminated water supply wells in the Meck. Co. GW Regulations.

Debra Howell, R.S. — Authorized Agent, Print Name
Debra Howell R.S. — Signature

Robert Andress — Owner/Legal Agent: Print Name
Robert Andress — Signature

WSW-1

WELL ABANDONMENT RECORD

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

WELL CONTRACTOR CERTIFICATION # 2724 File # 3559

1. WELL CONTRACTOR:

Arlen Burney
Well Contractor (Individual) Name:

Probe Technology, Inc.
Well Contractor Company Name

STREET ADDRESS P O Box 1369

Concord, NC 28026
City or Town State Zip Code

(704) - 933-5538
Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable)

STATE WELL PERMIT # (if applicable)

COUNTY WELL PERMIT # (if applicable) 10004095

DWQ or OTHER PERMIT # (if applicable)

WELL USE (Circle applicable use): Monitoring Residential Municipal/Public Industrial/Commercial Agricultural Recovery Injection Irrigation

Other (list use)

3. WELL LOCATION:

COUNTY Meck QUADRANGLE NAME

NEAREST TOWN: Charlotte

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:
Slope Valley Flat Ridge Other
(Circle appropriate setting)

LATITUDE 35 ° 12' 46.8"
LONGITUDE 80 ° 57' 26.1"

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.)

4a. FACILITY: The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable)

NAME OF FACILITY Mesa Hanger

STREET ADDRESS 7515 Warren Rd.

Charlotte, NC
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Jimmy Jordan / CDIA

STREET ADDRESS 5501 Josh Birmingham Parkway

Charlotte, NC 28208
City or Town State Zip Code

(704) - 359-4916
Area code - Phone number

5. WELL DETAILS:

a. Total Depth: 200 ft. Diameter 6 in.
b. Water Level (Below Measuring Point): 25 ft.
Measuring point is 1 ft. above land surface.

6. CASING: Length Diameter

a Casing Depth (if known): _____ ft. _____ in.
b Casing Removed: _____ ft. _____ in.

7. DISINFECTION: 0.3 lb
(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement
Cement 2820 lb.
Water 210 gal.

Sand Cement
Cement _____ lb.
Water _____ gal.

Bentonite
Bentonite _____ lb.
Type: Slurry__ Pellets__
Water _____ gal.

Other
Type material
Amount

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Grout pumped through tremmie pipe

10. WELL DIAGRAM Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/12/09

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

Arlen Burney — 3/13/09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Arlen Burney
PRINTED NAME OF PERSON ABANDONING THE WELL

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

Form GW-30
Rev. 5/06

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

WORK ORDER

Work Order Information

Work Order Number: **78690**
Work Order Type: **ARGU Well Review**
Submitted To: STUTTS, JACK
Date Initiated: 3/6/09 2:47:27 PM
Date Completed: 3/6/09 2:48:00 PM
Date Closed:
Unattached WO: N
Associated SR Number:

Priority: **3**
Status: IP

Initiated By: CALDWELL, SHAWNA
Completed By: CALDWELL, SHAWNA
Closed By:

Location

Address: **7515 WARREN ROAD**
Location:

Instructions

1. Create one work order for each ARGU review performed.
2. Geocode the location using the location address from WASPS.
3. Attach the appropriate GIS well feature(s) from the ARGU_Wells_WASPS data layer under the ENTITIES tab.
4. Select the appropriate TOWN under the DETAILS tab.
5. All documentation associated w/ the review should be included as attachments.
6. Enter time for labor required to complete all work associated w/ review.
7. Use the COMMENTS field to document work activities.

ARGU Well features are automatically created in gis when the well permit application is entered into WASPS.

Comments

Create one work order per ARGU Review
By CALDWELL, SHAWNA: 3/6/09 2:50:47 PM
Based on review of our files, the permit for a private well abandonment at PID# 115-191-02, 7515 Warren Rd., Charlotte, NC is approved. Because well sampling records indicate contamination in the well to be abandoned, the well requires abandonment under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include procedures for permanent abandonment of contaminated water supply wells from Chapter II, Section VIII, Paragraph 7 as follows:

7. Procedures for permanent abandonment of contaminated water supply wells.

a. All casing and screen materials may be removed prior to initiation of abandonment procedures if such removal will not cause or contribute to contamination of the groundwater. Any casing not grouted in accordance with 15A NCAC 2C .0107(e) shall be removed or properly grouted.

b. The entire depth of the water supply well shall be sounded before it is sealed to ensure freedom from obstructions that may interfere with sealing

operations.

c. In the case of gravel-packed water supply wells in which the casing and screens have not been removed, neat-cement, or bentonite grout shall be injected into the water supply well completely filling it from the bottom of the casing to the top.

d. Water supply wells constructed in unconsolidated formations shall be completely filled with cement grout, or bentonite grout by introducing it through a pipe extending to the bottom of the water supply well which can be raised as the well is filled.

e. Water supply wells constructed in consolidated rock formations or that penetrate zones of consolidated rock shall be filled with cement grout or bentonite grout by introducing it through a pipe extending to the bottom of the well which can be raised as the well is filled. The top of the cement grout or bentonite grout shall extend up to land surface.

Hydrogeologist Permit Application Review

Application #: 4095

Permit File #: 3559

Permit Type: Abandonment (Commercial)

ARGU Review Completed: (•) Yes ( ) No

Permit Denial?: ( ) Yes (•) No

Additional Conditions:

☐ Full Grouting ☐ Casing to Bedrock ☐ Sampling

Re-sampling Frequency: NONE

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

☐ Pesticides ☐ Herbicides ☒ Other

Comments/Other Sample Types:

Well is required to be abandoned according to the procedures for permanent abandonment of contaminated water supply wells in the Meck. Co. GW Regulations.

EHS Review | Update

Time Spent (hours):

☐ Change: 1.00

The application has been forwarded to Debra Howell for review.

App. #: 4095

Septic Fee: [ ]

Date: [ ] CRT[ ]

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

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 3559

Well Fee: 0.00

Date: 3/5/2009 CRT[ ]

SEPTIC / TYPE APPLICATION: (•) N/A ( ) NEW SYSTEM ( ) ALTERATION ( ) REPAIR ( ) MODIFIED PLOT PLAN

WELL / TYPE APPLICATION: ( ) N/A ( ) NEW WELL ( ) MAJOR REPAIR (•) ABANDONMENT

JOB LOCATION INFORMATION:

TAX / PARCEL #: 115-191-02 ☐ PO

STREET ADDRESS: 7515 WARREN RD

CITY: Charlotte

STATE: NC ZIP: 28208

LOT #: 0

TOWNSHIP: 01

General Comments:

BUILDING INFORMATION:

DESCRIBE TYPE OF BUSINESS

☑ COMMERCIAL ☐ INDUSTRIAL

SQUARE FOOTAGE OF FACILITY: 0

NUMBER OF EMPLOYEES PER SHIFT: 0

NUMBER OF SHIFTS: 0

TYPE OF WASTEWATER:

☐ SEWAGE ☐ INDUSTRIAL PROCESS WASTEWATER

HOW WILL WATER BE USED IN THE FACILITY?:

☐ TOILETS/URINALS ☐ HANDSINK/S

☐ SHOWERS ☐ FLOOR DRAINS

☐ OTHER

IF PLANNING TO EXPAND / ALTER THE EXISTING SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWAER FLOW AND/OR A JUSTIFICATION FOR A SYSTEM ALTERATION WILL BE REQUIRED.

WATER SUPPLY:

☑ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER

PROPOSED USE OF WELL:

(•) N/A ( ) IRRIGATION ( ) POTABLE (Drinking Water) ( ) OTHER

PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST 5-LEAST DESIRED)*:

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER

RANK: 0 0 0 0 0

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

BURIED CABLES, LANDFILLS, STUMPHOLES	( ) Yes (•) No	GRADING/SOIL REMOVAL PERFORMED	( ) Yes (•) No
EXISTING WASTEWATER SYSTEMS	( ) Yes (•) No	JURISDICTIONAL WETLANDS	( ) Yes (•) No
WELLS, SPRINGS, OR WATER LINES	(•) Yes ( ) No	APPROVAL REQ'RD BY OTHER AGENCY	( ) Yes (•) No
EASEMENTS OR RIGHT-OF-WAYS	( ) Yes (•) No	WASTEWATER OTHER THAN DOM. SEWAGE	( ) Yes (•) No
CHEMICAL/PETROLEUM STORAGE TANKS	( ) Yes (•) No	KNOWN UNDERGROUND CONTAMINATION	(•) Yes ( ) No
WASTE STORAGE	( ) Yes (•) No	GROUNDWATER USE RESTRICTIONS/VARIANCES	(•) Yes ( ) No

PROPERTY OWNER:		LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:	
NAME:	City of Charlotte Property Management	NAME:	Rob Foster / MACTEC
ADDRESS:	600 E 4th Street	ADDRESS:	2801 Yorkmont Rd, Suite 100
CITY:	Charlotte	CITY:	Charlotte
STATE:	NORTH CAROLINA ZIP: 28202	STATE:	NORTH CAROLINA ZIP: 28208
HOME PHONE:	WORK: 704-359-4000	HOME PHONE:	WORK: 704-357-8600
MOBILE:	FAX:	MOBILE:	FAX: 704-357-8638

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? ☐ UNKNOWN

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? ☐ N/A

PRINT Update Go to Front Counter Duplicate

Rept. for ARGU Review
7515 Warren Rd., Charlotte, NC
PID# 115-191-02
File # 3559
Application#4095

3/6/09 (Fri.) - Received request for ARGU review for private well abandonment for a WSW located at 7515 Warren Rd., Charlotte, PID#115-191-02. According to EDMS, there is an existing well at this property.

3/6/09 (Fri.) –Conducted ARGU Review. Identified 2 MPL sites within 1,500' of the subject parcel.

MPL# 16 Anilox Roll Co.
4840 Wallace Neel Rd., Charlotte, NC
PID# 113-141-07
NCDENR APS Inc. #85385
Source-unknown

NCDENR database indicates this is CERCLA site, no files at MRO. No GW contamination detected.

MPL investigation completed in 1998. Twenty-one WSWs located and 3 were sampled for VOCs with 2 wells impacted. No record of well sampling or impact at the subject site.

The subject site is within 500' of this MPL site.

MPL# 941 Warren Rd. Site
4933 Wallace Neel Rd., Charlotte, NC
PID# 115-181-01
NCDENR APS Inc. #17656
Source-unknown

NCDENR database indicates that TCE and breakdown products detected in WSWs at the subject site, 4933 Wallace Neel Road, and at 7515B Warren Road, but NCDENR investigation did not determine source.

No MPL investigation completed for the site, but Meck. Co. file references water sampling associated with NCDENR investigation and findings in 1999 with no additional detections in other wells.

This MPL includes contamination on the parcel that is the subject site.

Based on review of our files, the permit for a private well abandonment at PID# 115-191-02, 7515 Warren Rd., Charlotte, NC is approved. Because well sampling records indicate contamination in the well to be abandoned, the well requires abandonment under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include procedures for permanent abandonment of contaminated water supply wells from Chapter II, Section VIII, Paragraph 7 as follows:

7. Procedures for permanent abandonment of contaminated water supply wells.

a. All casing and screen materials may be removed prior to initiation of abandonment procedures if such removal will not cause or contribute to contamination of the groundwater. Any casing not grouted in accordance with 15A NCAC 2C .0107(e) shall be removed or properly grouted.

b. The entire depth of the water supply well shall be sounded before it is sealed to ensure freedom from obstructions that may interfere with sealing operations.

c. In the case of gravel-packed water supply wells in which the casing and screens have not been removed, neat-cement, or bentonite grout shall be injected into the water supply well completely filling it from the bottom of the casing to the top.

d. Water supply wells constructed in unconsolidated formations shall be completely filled with cement grout, or bentonite grout by introducing it through a pipe extending to the bottom of the water supply well which can be raised as the well is filled.

e. Water supply wells constructed in consolidated rock formations or that penetrate zones of consolidated rock shall be filled with cement grout or bentonite grout by introducing it through a pipe extending to the bottom of the well which can be raised as the well is filled. The top of the cement grout or bentonite grout shall extend up to land surface.

ARGU File #3559



Black radius-1,500'

0 550 1,100 2,200 Feet