

7215 RIDGE LANE RD

04706511

10/8/09

thomatc

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

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 21172 WASPS App #: 4270

Primary ES assigned to project: Kim Garrett

Secondary ES assigned to project: _____

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

Septic System Status: Permit In Progress ☐ Installation Complete ☐ N/A-Sewer ☑

I. File Review:

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

Comments:

_____

_____

_____

_____

_____

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:

_____

_____

_____

_____

_____

Application received date: _____ Well approval date: _____

Review performed by: _____ Date performed: 8/7/09

D.T Thomka.

12172

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

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: 047-065-11
STREET ADDRESS: 7215 Ridge Lane Rd.
CITY: Charlotte
STATE: NC ZIP: 28262
SUBDIVISION NAME:
LOT #: 11 LOT SIZE (acres): 1986
TOWNSHIP:
☒ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-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
HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 4
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: Robert Abernathy
ADDRESS: 7215 Ridge Lane Rd.
CITY: Charlotte
STATE: NC ZIP: 28262
HOME PHONE:
WORK PHONE:
MOBILE PHONE:
FAX:

13. OWNER'S LEGAL REPRESENTATIVE IF APPLICABLE:
NAME: McCall Brothers Inc.
ADDRESS: PO Box 668711
CITY: Charlotte
STATE: NC ZIP: 28266-8711
HOME PHONE:
WORK PHONE:
MOBILE PHONE: 704-395-0071
FAX: 704-398-2605

14. SEPTIC SYSTEM PERMIT APPLICATION:

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

_____ (initial here for septic system applications)

15. WELL PERMIT APPLICATION:

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

JM (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 this application carefully and sign in the space provided below.

Joe McCalpine Jr. 6/24/09

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

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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: $ N/A DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 21172

APPLICATION ID NUMBER ASSIGNED: 4270

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6834

Date: 6/26/2009
Reviewed By: DFT

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 047-065-11 File # 21172 4270 ARGU

Street Address: 7215 Ridge Lane Rd.

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 #: 047-065-12 MPL 1442 Ewers Residence

Street Address: 7231 Ridge Lane Road

DENR Incident #: NONE

Current Status: Referred to NCDENR Inactive Hazardous Sites Branch Why? Agency having jurisdiction

Pesticides detected in 6 area wells >EPANPDWS in some. No source identified.

Responsible Party: NONE

Responsible Party Contact Info: NONE

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

Reviewer Comments: *Existing well not subject to permit denial. Proposed well ABANDONMENT is approved with no ARGU requirements.

Date: 6/26/2009
Reviewed By: DFT

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 047-065-11 File # 21172 4270 APP 10

Street Address: 7215 Ridge Lane Rd.

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 #: 047-071-09 MPL 10 Mulder Residence

Street Address: 7661 Neal Road

DENR Incident #: NONE

Current Status: NONE Why? Chlorinated Solvents (Carbon Tetrachloride, Trichloroethene & 1,1,2 Trichloroethane detected in 7/23/92 well sample from 7661 Neal Road. No source identified.

Responsible Party: NONE IDENTIFIED

Responsible Party Contact Info: NONE

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. NO
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
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? Yes

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

Reviewer Comments: *Existing well not subject to permit denial. Proposed well ABANDONMENT is approved with no ARGU requirements.

JUN-30-2009 14:11 MECKLENBURG CO GWS 704 336 6894 P.002/002
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#: 10004270 **File #:** 21172 **Tax Parcel #:** 047-065-11
Property Owner: ROBERT ABERNATHY
Job Location Address: 7215 RIDGE LANE RD
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28262
Permit Issuance Date: 6/28/2009
Use of Well: N/A
Type of Facility Served by Well: House
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:
Abandonment approved with no ARGU requirements.

Kim Garrett, RS
Authorized Agent: Print Name

McCall Brothers Inc
Owner/Legal Agent: Print Name

Kim Garrett, RS
Signature:

Jay McAlpine (dp)
Signature:

KG

WELL ABANDONMENT RECORD

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

WELL CONTRACTOR CERTIFICATION # 2211 Filed 21172

1. WELL CONTRACTOR:
Peter FLOREA
Well Contractor (Individual) Name
McCall Bros. Inc.
Well Contractor Company Name
STREET ADDRESS 6700 Brookshire Blvd.
Charlotte NC. 28216
City or Town State Zip Code
(704) 201-9615
Area code - Phone number

2. WELL INFORMATION:
SITE WELL ID # (if applicable)
STATE WELL PERMIT # (if applicable)
COUNTY WELL PERMIT # (if applicable)
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
7215 Ridge Lane Rd
(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
Slope Valley (Flat) Ridge Other
(Circle appropriate setting)
LATITUDE 35° 18.14'
LONGITUDE 80° 46.47'
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 and4b. (If a residential well, skip 4a; complete 4b, well owner information only.)
FACILITY ID #(if applicable)
NAME OF FACILITY
STREET ADDRESS
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:
NAME Toll Abernathy
STREET ADDRESS 7215 Ridge Lane Rd
Charlotte NC 28262
City or Town State Zip Code
(704) 399-1506
Area code - Phone number

5. WELL DETAILS:
a. Total Depth: 125 ft. Diameter: 6 in.
b. Water Level (Below Measuring Point): 100' ft.
Measuring point is 0' ft. above land surface.

6. CASING: Length Diameter
a. Casing Depth (if known): _____ ft. _____ in.
b. Casing Removed: _____ ft. _____ in.

7. DISINFECTION: 6 oz.
(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement
Cement _____ lb.
Water _____ gal.

Sand Cement
Cement _____ lb.
Water _____ gal.

Bentonite
Bentonite 1500 lb.
Type: Slurry__ Pellets✓
Water 200 gal.

Other
Type material
Amount

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Poured H2O + Bentonite down casing

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 7-6-09

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.

Pete Florea 7-7-09
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.)

PRINTED NAME OF PERSON ABANDONING THE WELL
Tommy Bohealer

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