

16505 JETTON RD

00133117

7/9/08

marliwr

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

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 14081 WASPS App #: 3905

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 ☐ N/A		
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: 10/7/08 Well approval date: 11-08-08

Review performed by: Joshua R. Silles Date performed: 11-12-08

14081

MECKLENBURG COUNTY 3905
GROUNDWATER & WASTEWATER SERVICES D-T. thru K-L.

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: 00133117
STREET ADDRESS: 16505 Jetton Rd
CITY: Cornelius
STATE: NC ZIP: 28031
SUBDIVISION NAME:
LOT #: 287 LOT SIZE (acres): 1
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: 7300
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2
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?** 2/27/08 ☐ N/A

12. **PROPERTY OWNER:**
NAME: Tony & Susan Pope
ADDRESS: 18924 Peninsula Cove Ln
CITY: Cornelius
STATE: NC ZIP: 28031
HOME PHONE: 704-895-8227
WORK PHONE:
MOBILE PHONE: 704-241-8108
FAX:

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE:
WORK PHONE:
MOBILE PHONE:
FAX:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-5894

Revised on: 7/1/05

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.

_____ (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.

_____ 10/7/08

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: $ NA DATE FEE RECEIVED: 10/8/08

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 0 14081

APPLICATION ID NUMBER ASSIGNED: 3905

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-5894

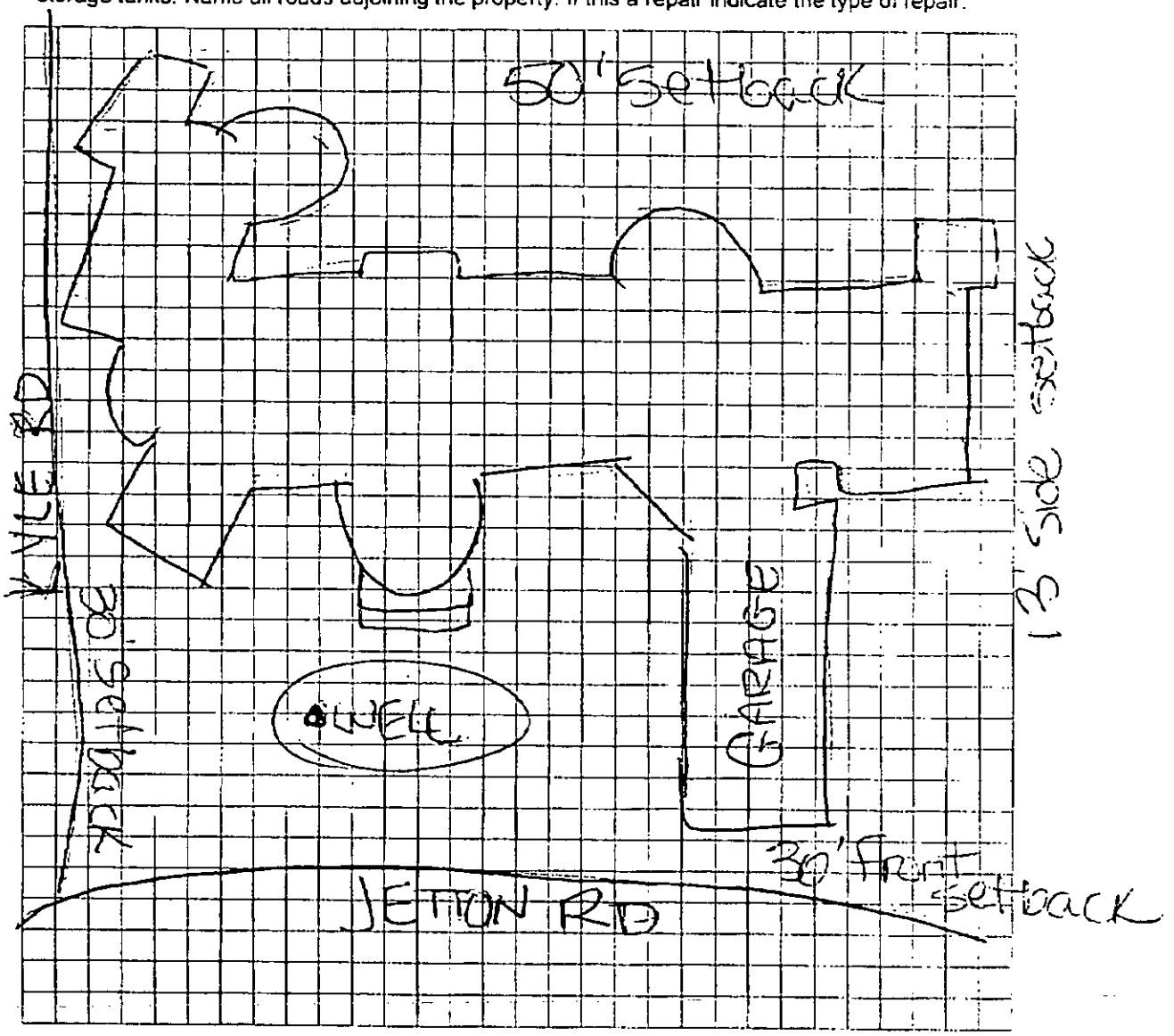
Revised on: 7/1/08

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

File #_____
Date_____

PROPOSED PLOT PLAN

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



Owner/Agent Signature	
Date 10/7/08	

LBC 12/15/04

Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-8894

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

Permit#: 10003905 **File #:** 14081 **Tax Parcel #:** 001-331-17
Property Owner: Tony & Susan Pope
Job Location Address: 16505 JETTON RD
City/ETJ: CORNELIUS **State:** NC **Zip Code:** 28031
Permit Issuance Date: 10/9/2008
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:
No ARGU requirements prescribed for abandonment.

Kim Garrett, RS
Authorized Agent: Print Name

Kim Garrett, RS
Signature:

Lisa Zawatsky, VP
Owner/Legal Agent: Print Name

Signature: [redacted]

ZAR Homes
#43102485

WELL ABANDONMENT RECORD

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

WELL CONTRACTOR CERTIFICATION # 3155

1. WELL CONTRACTOR:

Charlie Nichols
Well Contractor (Individual) Name

McCall Bros.
Well Contractor Company Name

STREET ADDRESS 6700 Brookshire Frwy.

Charlotte N.C. 28216
City or Town State Zip Code

(704) - 399 - 1506
Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable)

STATE WELL PERMIT # (if applicable)

COUNTY WELL PERMIT # (if applicable) 10003905

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: Cornelius

16505 Jetton rd. 28031

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

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

LATITUDE 35° 28.507'
LONGITUDE 80° 55.974'

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 Tony + Susan Pope

STREET ADDRESS 16505 Jetton rd.

Cornelius N.C. 28031
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Tony + Susan Pope

STREET ADDRESS 16505 Jetton rd.

Cornelius N.C. 28031
City or Town State Zip Code

(704) - 361 - 0092
Area code - Phone number

5. WELL DETAILS:

a. Total Depth: 160 ft. Diameter: 6 in.
b. Water Level (Below Measuring Point): 30 ft.
Measuring point is 0 ft. above land surface.

6. CASING:

	Length	Diameter
a. Casing Depth (if known):	105' ft.	6" in.
b. Casing Removed:	5 ft.	6" in.

7. DISINFECTION: HTH - 802.

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement
Cement 94 lb.
Water 6 gal.

Sand Cement
Cement lb.
Water gal.

Bentonite
Bentonite 1650 lb.
Type: Slurry Pellets
Water 165 gal.

Other
Type material
Amount

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Pour bags of bentonite very slowly
Got bentonite to to 5ft Below top of casing
+ topped off with neat cement to top

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 10-31-08

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.

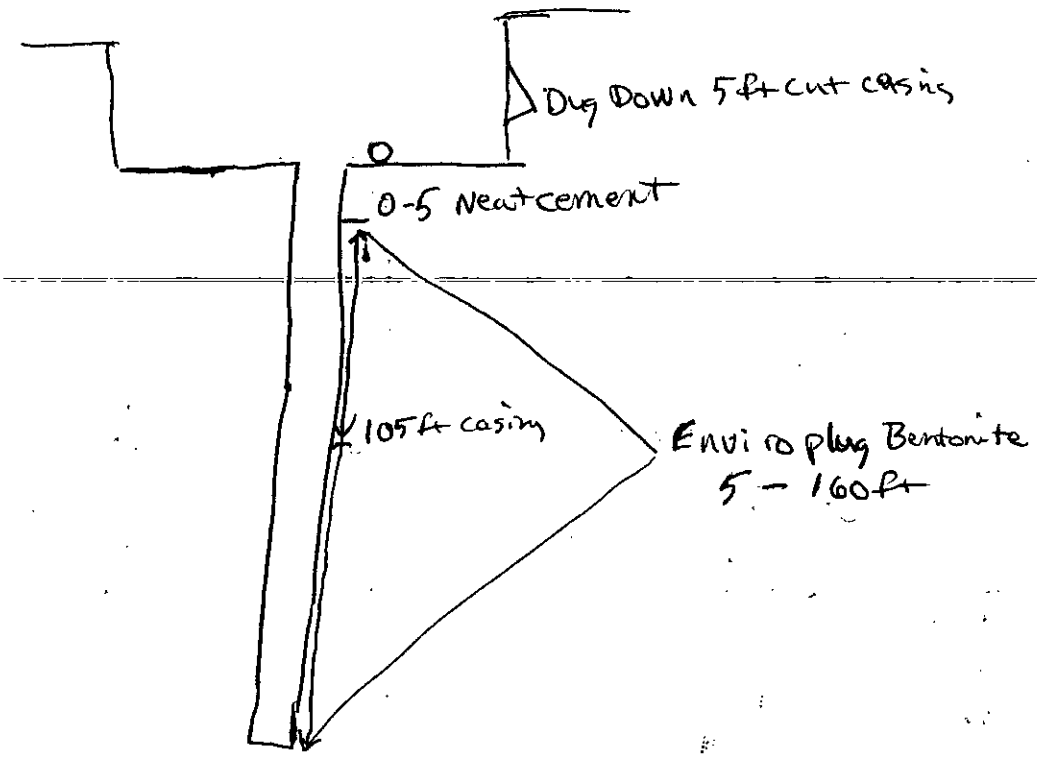
Charlie Nichols — 10-31-08
SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE

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.)

Charlie Nichols
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


Dug Down 5ft cut casing
0-5 Neat cement
105ft casing
Enviroplug Bentonite
5 - 160ft