

# HARNETT COUNTY DEPARTMENT OF PUBLIC HEALTH Well Abandonment Permit

Permit Number: NA    Application Number: EH2012-0005    Applicant Name: Neighbors Land Co.

Address: 211 Hodges Chapel Rd. Dunn, NC 28334 / Mailing: PO Box 31827 Raleigh, NC 27622

Type of Well: Hand Dug    Total Depth: 16ft    Diameter: 36-40in    Grouted: No    Static Water Level: 15ft

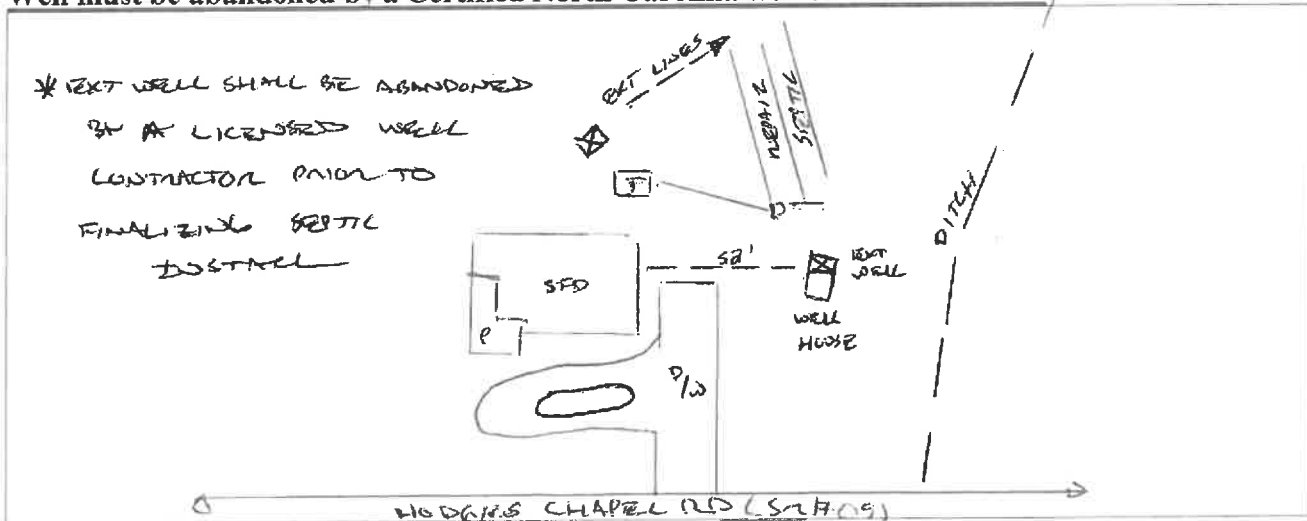
Directions to Site: 211 Hodges Chapel Rd. Dunn, NC 28334

Agent of the State  Date: 12/14/2020

Abandonment Procedure: Abandonment Procedure: 1. Remove all plumbing or piping into the well, along with any obstructions inside the well; 2. Remove as much of the well tile casing a possible, but no less than to a depth of three feet below land surface; 3. remove all soil or other subsurface material present down to the top of the remaining well casing, and extending to a width of at least 12 inches outside of the well casing on all sides; 4. Fill the well up to the top of the remaining casing with cement grout, concrete grout, bentonite grout, dry clay, or material excavated during drilling of the well and then compacted in place; 5. Pour a one foot thick concrete grout or cement grout plug that fills the entire excavated area about the top of the casing, including the area extending on all sides of the casing out to a width of at least 12 inches on all sides; 6. Complete the abandonment process by filling the remainder of the well above the concrete or cement plug with additional concrete grout, cement grout, or soil. A record of the abandonment must be submitted within 30 days of abandonment.

Note: Contact Harnett County Environmental Health for appointment prior to beginning of well abandonment procedure.

Well must be abandoned by a Certified North Carolina well driller/contractor.



  
Property Owner's or Owners Legal Representative Signature Required

12/18/2020

Date

# WELL ABANDONMENT RECORD

For Internal Use ONLY:

## 1. Well Contractor Information:

Ryder Wc Jackson  
Well Contractor Name (or well owner personally abandoning well on his/her property)

2179  
NC Well Contractor Certification Number

JACKSON WFCO  
Company Name

2. Well Construction Permit #: 2179  
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known

## 3. Well use (check well use):

<b>Water Supply Well:</b>	
<input type="checkbox"/> Agricultural	<input type="checkbox"/> Municipal/Public
<input type="checkbox"/> Geothermal (Heating/Cooling Supply)	<input checked="" type="checkbox"/> Residential Water Supply (single)
<input type="checkbox"/> Industrial/Commercial	<input type="checkbox"/> Residential Water Supply (shared)
<input type="checkbox"/> Irrigation	
<b>Non-Water Supply Well:</b>	
<input type="checkbox"/> Monitoring	<input type="checkbox"/> Recovery
<b>Injection Well:</b>	
<input type="checkbox"/> Aquifer Recharge	<input type="checkbox"/> Groundwater Remediation
<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Salinity Barrier
<input type="checkbox"/> Aquifer Test	<input type="checkbox"/> Stormwater Drainage
<input type="checkbox"/> Experimental Technology	<input type="checkbox"/> Subsidence Control
<input type="checkbox"/> Geothermal (Closed Loop)	<input type="checkbox"/> Tracer
<input type="checkbox"/> Geothermal (Heating/Cooling Return)	<input type="checkbox"/> Other (explain under 7g)

4. Date well(s) abandoned: 12-21-20

## 5a. Well location:

JAMES CAIN RD EH 2012-0005

Facility/Owner Name: Hodges Chapel Rd, 211 Dunn  
Facility ID# (if applicable): 28334

Physical Address, City, and Zip: HARNETT

County: HARNETT Parcel Identification No. (PIN): 28334

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees: (if well field, one lat/long is sufficient)  
35° 23.207' N 78° 34.809' W

## CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED

Attach well construction record(s) if available. For multiple injection or non-water supply wells ONLY with the same construction abandonment, you can submit one form.

6a. Well ID#: \_\_\_\_\_

6b. Total well depth: 15 (ft.) 15'

6c. Borehole diameter: 4.8 (in.)

6d. Water level below ground surface: 2' (ft.)

6e. Outer casing length (if known): 0 (ft.)

6f. Inner casing/tubing length (if known): 0 (ft.)

6g. Screen length (if known): 0 (ft.)

## WELL ABANDONMENT DETAILS

7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned: \_\_\_\_\_

7b. Approximate volume of water remaining in well(s): \_\_\_\_\_ (gal.)

## FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: HTH 70%

7d. Amount of disinfectant used: 16%

## 7e. Sealing materials used (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Neat Cement Grout | <input type="checkbox"/> Bentonite Chips or Pellets |
| <input type="checkbox"/> Sand Cement Grout | <input checked="" type="checkbox"/> Shaly Clay      |
| <input type="checkbox"/> Concrete Grout    | <input type="checkbox"/> Drill Cuttings             |
| <input type="checkbox"/> Specialty Grout   | <input type="checkbox"/> Gravel                     |
| <input type="checkbox"/> Bentonite Slurry  | <input type="checkbox"/> Other (explain under 7g)   |

7f. For each material selected above, provide amount of materials used:  
\_\_\_\_\_  
\_\_\_\_\_

7g. Provide a brief description of the abandonment procedure:  
Pump Water Out  
of Well. Add Fill  
Pour Concrete at  
Top 18"

8. Certification: 2179  
Ryder Wc Jackson 12-20-20  
Signature of Certified Well Contractor or Well Owner Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

9. Site diagram or additional well details:  
You may use the back of this page to provide additional well site details or well abandonment details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

10a. For All Wells: Submit this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

10b. For Injection Wells: In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

10c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.