

**HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT
TO CONSTRUCT A DRINKING WATER SUPPLY WELL**

PIN #: 0682-81-8721.000 Parcel #: 04 0682 6024 Application #: 11-5-27451 Subdivision: Pointers Creek Lot #: 3

Applicant Name: David M Byrd & Pamela L Byrd
Address: 17 Quarterpole, Warrenton, VA 20186

Type of Facility Served by Well: SFD

Sewage System: 25% Reduction

Permit Conditions: _____

General Permit Conditions:

- Drinking water supply well construction must meet 15A NCAC 02C.100 rules
- The permitted drinking water supply well shall be located in accordance with the **SITE PLAN**
- **ANY ALTERATION** of the site of the site (including location of structures and appurtenance) or modification in use of the well, may subject this Permit to revocation

Authorized State Agent *James C. Markham* Date 9-15-11

Grouting Inspection Witnessed _____ Date _____
 Grouting self-certified by driller GW-1 provided? Yes No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: _____ Application #: _____ Well Contractor: _____

Applicant Name: _____
Address: _____
Directions to Site: _____

Use of Well: _____ Date Drilled: _____ Total Depth: _____ Replacement Well? Yes No
Static Water Level: _____ Top of Casing is _____ in. above surface. Yield: _____ gpm at _____ ft.
Disinfection: Type _____ Amount _____

<u>Water Zone (depth)</u>	<u>Casing</u>	<u>Grout</u>
From _____ To _____	From _____ To _____	From <u>0</u> To _____
From _____ To _____	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
From _____ To _____	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____

Inspector: _____ On Hold Date: _____ Release Date: _____

Remarks: _____

Well Head Information

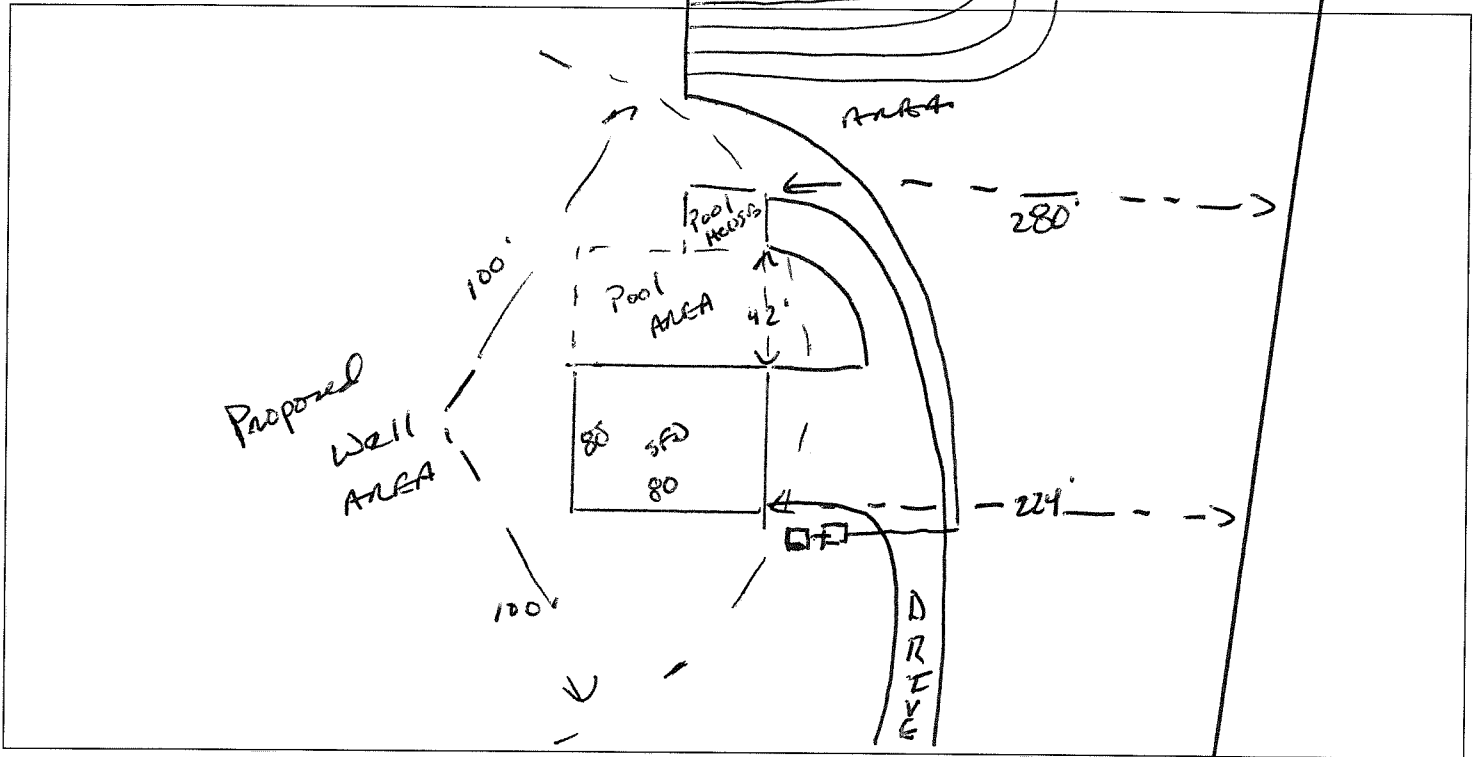
Casing Height: _____ (above finished grade) Access Port: _____ Vent Stack: _____
Well ID Tag: _____ Pump ID Tag: _____ Sampling Tap: _____ Backflow Preventer: _____
Sample Taken? Yes No Well Head properly sealed: _____

Remarks: _____

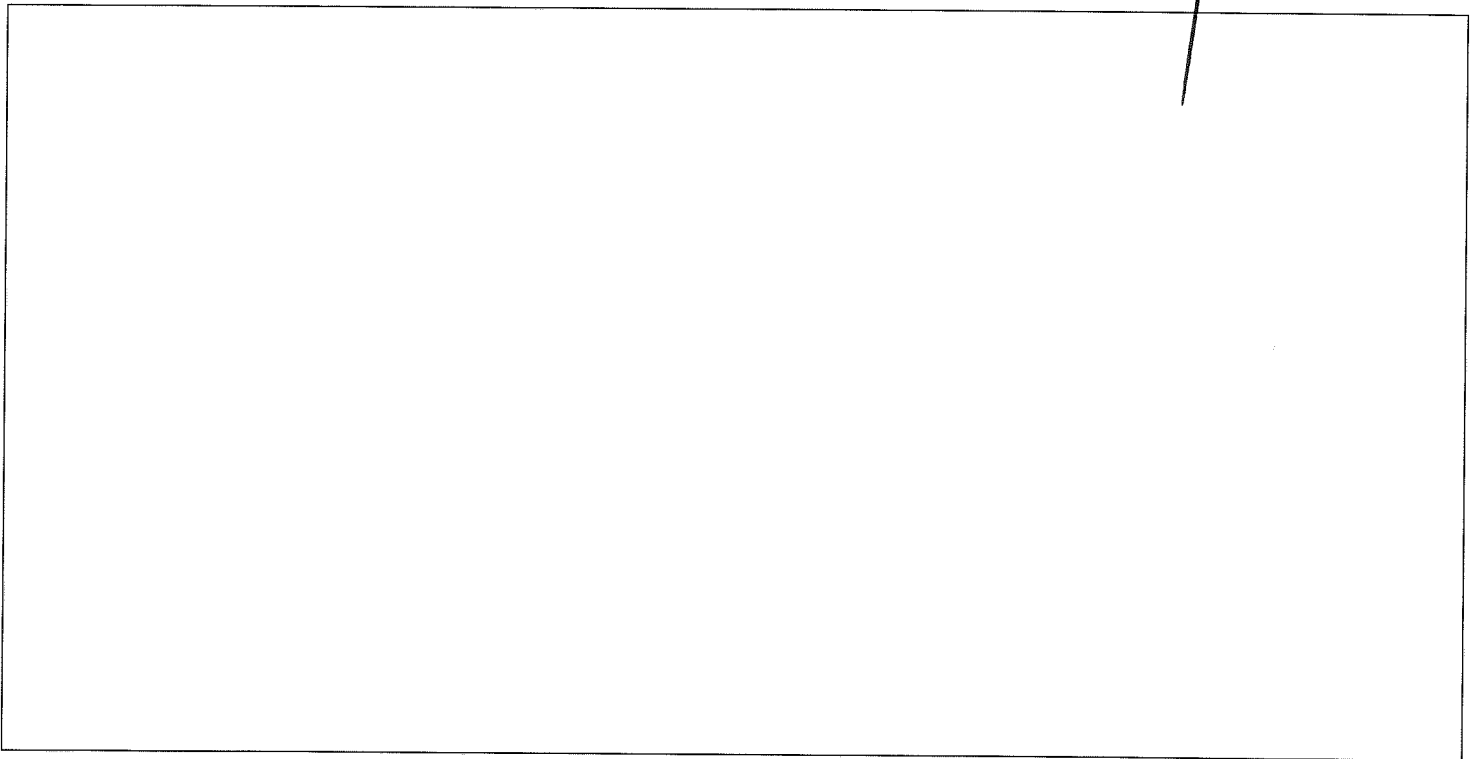
Authorized State Agent _____ Date _____

See Attachment for completion sketch

Well Construction Sketch



Well Completion Sketch



11-5-27451

Harnett County Department of Public Health

with
IPAC

Well Construction Permit Application

If the information in the application for a Well Construction Permit is falsified changed or the site is altered then the Well Construction Permit shall become invalid

APPLICANT INFORMATION

David M Byrd & Pamela L Byrd (540) 718-2362
Applicant/Owner Phone Number
17 Quarterpole, Warrenton, VA 20186
Street Address, City, State Zip Code

- The Applicant must submit a Site Plan. The Site Plan is a map/drawing of the property and must show
- 1 existing and/or proposed property lines and easement with dimension
 - 2 the location of the facility and appurtenance
 - the location for the proposed well
 - 4 the location of existing or proposed sewer lines and/or sewage disposal systems within 100 feet of the proposed well
 - 5 the location of any existing wells within 100 feet of the property surface water bodies
 - 6 above ground and/or underground storage tanks
 - 7 and any other known sources of contamination within 100 feet of the proposed well site

The Applicant shall notify the Harnett County Health Director through or by way of the Harnett County Division of Environmental Health if any of the following occur prior to well construction

- 1 there is a relocation of the proposed facility
- 2 there is a change in the intended use of the facility
 - there is a need for installing the waste water system in an area other than indicated on the well permit or
- 4 there are landscape changes that affect site drainage

Contact information Environmental Health Division - 910 893-7547

PROPERTY INFORMATION

Proposed use of well

Single Family Multifamily Church Restaurant Business Irrigation

out of → Street Address Pointer Creek Drive Subdivision/Lot # 3
Parcel # 04 0682 6024 PIN # 0682-81-8721.000

See Attached
Directions to the Site

I have thoroughly read and completed this Application and certify that the information provided herein is true, complete and correct to the best of my knowledge and is given in good faith. Representative of the Harnett County Health Department and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable rules.

I understand that I am solely responsible for the proper identification and location of all property lines, underground utility lines and make the site accessible so that a well can be properly constructed according to the permit.

David M Byrd Pamela L Byrd 8/15/2011
Proprietor/Owner(s) of Own(s) of R.P.S. (Print) Signature Required Date

9/16/11
N



Trip to
 Nc-55
 Angier NC 27501
 12.88 miles
 18 minutes

Notes

	Miles Per Section	Miles Driven
Lillington, NC		
1 Start out going northeast on S Main St / US-421 N / US-401 N / NC 27 E / NC-210 E toward E Harnett St	Go 1.5 Mi	1.5 mi
2 Turn right onto US-421 S / NC-27 E <i>US 421 S is 0.2 miles past Parker Ln If you reach Pine State St you've gone about 0.2 miles too far</i>	Go 3.4 Mi	4.9 mi
3 Turn left onto Leslie Campbell Ave <i>Leslie Campbell Ave is 0.2 miles past Johnson Farm Rd If you reach Wade Stewart Cir you've gone about 0.3 miles too far</i>	Go 2.0 Mi	6.8 mi
4 Leslie Campbell Ave becomes NC-27	Go 2.4 Mi	9.2 mi
5 Turn left onto N McKinley St / NC-55 Continue to follow NC-55 <i>NC 55 is just past N Carrie St If you are on E Stewart St and reach N RAILROAD St you've gone a little too far</i>	Go 3.7 Mi	12.9 mi
6 NC-55 <i>Your destination is just past Creature Meadow Ln If you reach Colby Ln you've gone a little too far</i>		12.9 mi
Nc-55 Angier, NC 27501 35 460703 -78 696136 (Address is approximate)	12.9 mi	12.9 mi

Total Travel Estimate 12.88 miles - about 18 minutes

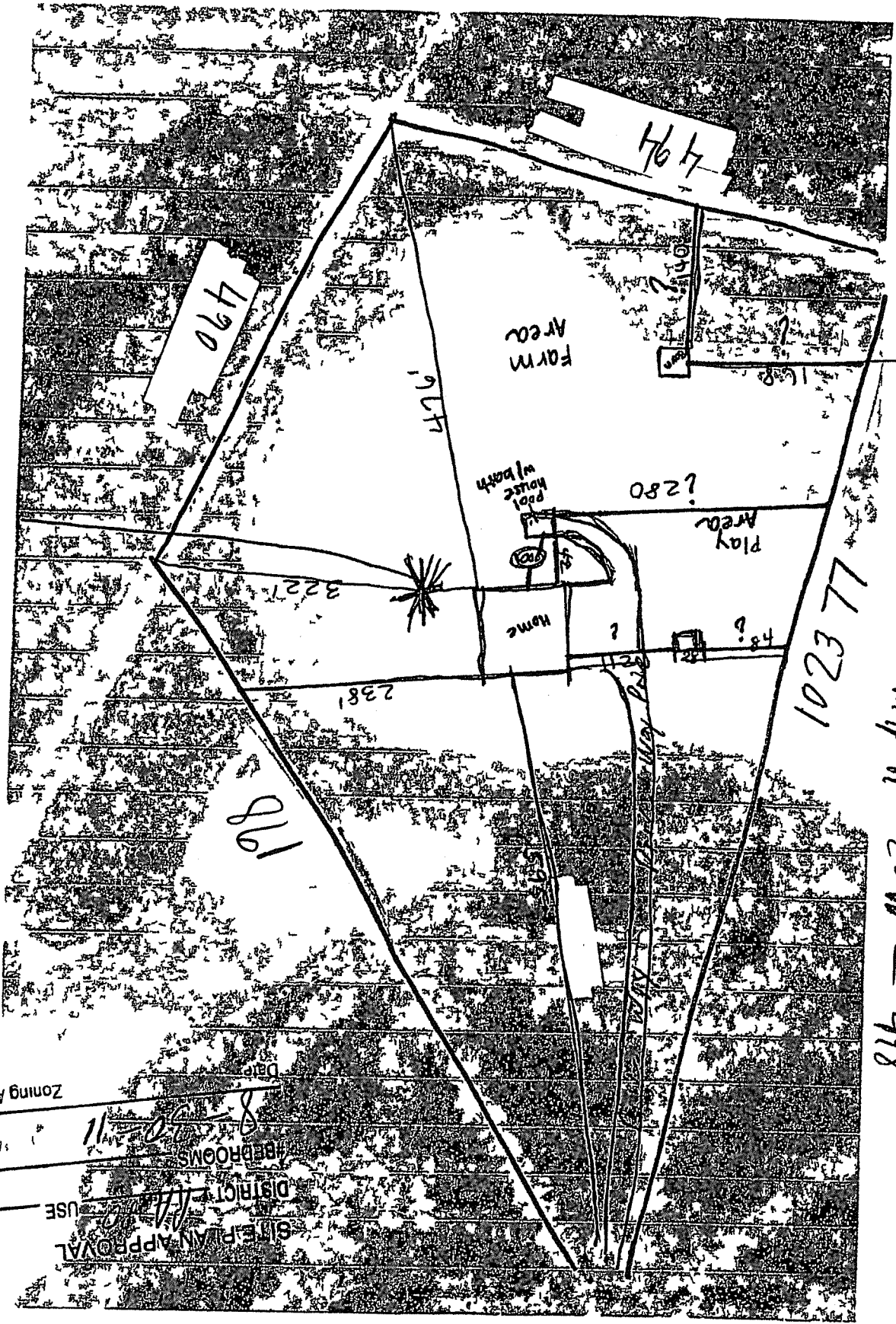
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just past Creature Meadow Lane on left

Yellow sign - lots for sale - gravel road

** Nancy Donato*

*10 Ac Net to Sale
Map # 2010 - 498*



New Well

SITE PLAN APPROVAL
DISTRICT USE
#BEDROOMS 8
Date 8-30-11
Zoning Administrator [Signature]

Environmental Associates, Inc.

2011-08-16 10:27:34

August 16, 2011

Mr. Freddie Stencil
166 Stencil Road
Angier, NC 27001

Re: Supplemental report for soil site evaluation for subsurface waste disposal portion of Pointer Creek (Tract 5) off NC Hwy 55 Harnett County, North Carolina

Dear Mr. Stencil:

A soil/site evaluation has been conducted on a portion of the above mentioned property. The purpose of the investigation was to determine if soil were acceptable for a sub-surface waste disposal system to serve a proposed single family residence (8 bedroom home). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal" 15A NCAC 18A.1900.

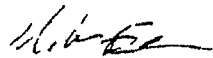
At least one site was located on the tract containing soils that have provisionally suitable properties exceeding 36 inches. The site essentially lies on a linear slope (2 - 4%) in landscape. Soil borings conducted in most of this area consisted of 12 or more inches of loamy sand underlain by sandy clay loam extending to 36 or more inches. Soil wetness and organic material (greater than 50%) was typically observed greater than 32 inches below the soil surface. All other soil characteristics were either suitable or provisionally suitable to at least 36 inches.

Based on soil borings and site conditions, the site would be designated provisionally suitable for a shallow conventional subsurface waste disposal system (depending on house location may require the use of pumps, fill, innovative drainline, etc.). The site contains enough provisionally suitable area as required to allow for subsurface repairs (may require systems mentioned). A map showing the approximate location of the site accompanies this report (blue flagging in the field represents actual location). **[Note: No grading, rutting or other soil disturbance can occur in this area prior to obtaining a permit from the Harnett County Health Department. Any grading without a permit can alter the findings of this report.]**

A design for the system type may be required by the county health department prior to
agency action (by SSLA at separate expense to client)

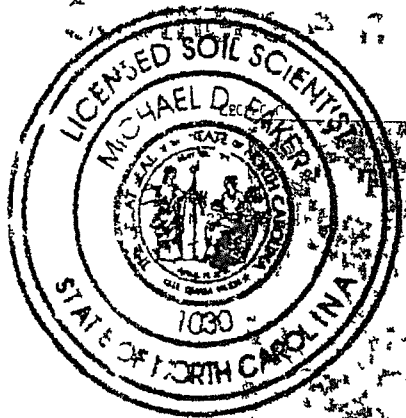
This document represents my professional opinion as a licensed soil scientist. Permission
will only be granted if health department personnel concur with the findings of this
report.

Sincerely,



Mike Eiten
Soil Licensed Soil Scientist





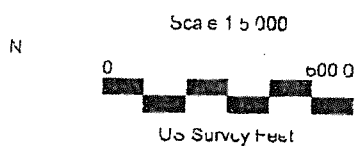
Phone: 910.531.1010
 Email: mike@soiltho.com



Potential Septic Areas - Pointer Creek (Tract 3)
 Harnett County, NC

= Potential Septic Areas - Provisionally Suitable Soil

US State Plane 1383
 North Carolina 3200
 NAD 1983 (Conus)



POINTER 3 SSF
 8/ 6/2011
 SP Pa

NAME David M Byrd
Pamela L Byrd

APPLICATION # 1150027451

This application to be filled out when applying for a septic system inspection

County Health Department Application for Improvement Permit and/or Authorization to Construct

IF THE INFORMATION IN THIS APPLICATION IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENT PERMIT OR AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months. Complete plan = without expiration)

910 893 7525 option 1

CONFIRMATION # _____

✓ **Environmental Health New Septic System** Code 800

- **All property irons must be made visible** Place pink property flags on each corner iron of lot. All property lines must be clearly flagged approximately every 50 feet between corners.
- Place orange house corner flags at each corner of the proposed structure. Also flag driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place orange Environmental Health card in location that is easily viewed from road to assist in locating property.
- If property is thickly wooded, Environmental Health requires that you clean out the undergrowth to allow the soil evaluation to be performed. Inspectors should be able to walk freely around site. **Do not grade property**.
- **All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.**
- After preparing proposed site call the voice permitting system at 910 893 7525 option 1 to schedule and use code 800 (after selecting notification permit if multiple permits exist) for Environmental Health inspection. Please note confirmation number given at end of recording for proof of request.
- Use Click2Gov or IVR to verify results. Once approved, proceed to Central Permitting for permits.

Environmental Health Existing Tank Inspections Code 800

- Follow above instructions for placing flags and card on property.
- Prepare for inspection by removing soil over **outlet end** of tank as diagram indicates and lift lid straight up (if possible) and then **put lid back in place**. (Unless inspection is for a septic tank in a mobile home park).
- **DO NOT LEAVE LIDS OFF OF SEPTIC TANK**.
- After uncovering **outlet end** call the voice permitting system at 910 893 7525 option 1 & select notification permit if multiple permits then use code 800 for Environmental Health inspection. Please note confirmation number given at end of recording for proof of request.
- Use Click2Gov or IVR to hear results. Once approved, proceed to Central Permitting for remaining permits.

SEPTIC

If applying for authorization to construct please indicate desired system type(s). Can be checked in order of preference. Must choose one.

Accepted Innovative Conventional Any
 Alternative Other _____

The applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer is yes, applicant **MUST ATTACH SUPPORTING DOCUMENTATION**.

- YES NO Does the site contain any Jurisdictional Wetlands?
- YES NO Do you plan to have an improvement system now or in the future?
- YES NO Does or will the building contain any drippers? Please explain _____
- YES NO Are there any existing wells, springs, waterlines or Wastewater Systems on this property?
- YES NO Is any wastewater going to be generated on the site other than domestic sewage?
- YES NO Is the site subject to approval by any other Public Agency?
- YES NO Are there any Easements or Right of Ways on this property?
- YES NO Does the site contain any existing water, cable, phone or underground electric lines?

If yes please call No Cuts at 800 652 4949 to locate the lines. This is a free service.

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.

David M Byrd Pamela L Byrd
PROPERTY OWNERS OR OWNERS LEGAL REPRESENTATIVE SIGNATURE (REQUIRED)

8/15/2011
DATE