



Initial Application Date: 9/25/18

Application # BRES1809-0033

CU# _____

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION

Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits

****A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION****

LANDOWNER: D&S EAST, LLC Mailing Address: 249 FOX WALK PATH
City: GARNER State: NC Zip: 27529 Contact No: 919-291-3301 Email: skleonardw@GMAIL.COM

APPLICANT*: SCOTT LEONARD Mailing Address: SAME

City: _____ State: _____ Zip: _____ Contact No: _____ Email: _____

*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: NOLAN LEONARD Phone # 919-539-9668

ADDRESS: 3574 NC HWY 55, ANGLIER PIN: 0692-02-8567-000

DEED OR OTP: 3594/432 RA-30

PROPOSED US

SFD: (Size 20 x 75) # Bedrooms 3 # Baths 2 Basement(w/wo bat) Garage: Deck: Crawl Space: Slab: Monolithic Slab:
(Is the bonus room finished? (yes (no w/ a clos) yes no (if add in with # bedrooms)

Mod: (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement w/wo bat Gara e Bu Deck: _____ On Frame _____ Off Frame _____
(Is the second floor finished? () yes () no Any other site built additions? () yes () no

Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms: _____ Garage: _____ (site built? _____) Deck: _____ (site built? _____)

Duplex: (Size _____ x _____) No. Buildings: _____ No. Bedrooms Per Unit: _____

Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____

Addition/Accessory/Other: (Size _____ x _____) Use: _____ Closets in addition? () yes () no

Water Supply: County _____ Existing Well _____ New Well (# of dwellings using well _____) ***Must have operable water before final (Need to Complete New Well Application at the same time as New Tank)**

Sewage Supply: New Septic Tank _____ Expansion _____ Relocation _____ Existing Septic Tank _____ County Sewer
(Complete Environmental Health Checklist on other side of application if Septic)

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes () no

Does the property contain any easements whether underground or overhead () yes () no

Structures (existing or proposed): Single family dwellings: _____ Manufactured Homes: _____ Other (specify): _____

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

[Signature]
Signature of Owner or Owner's Agent

9/25/18
Date

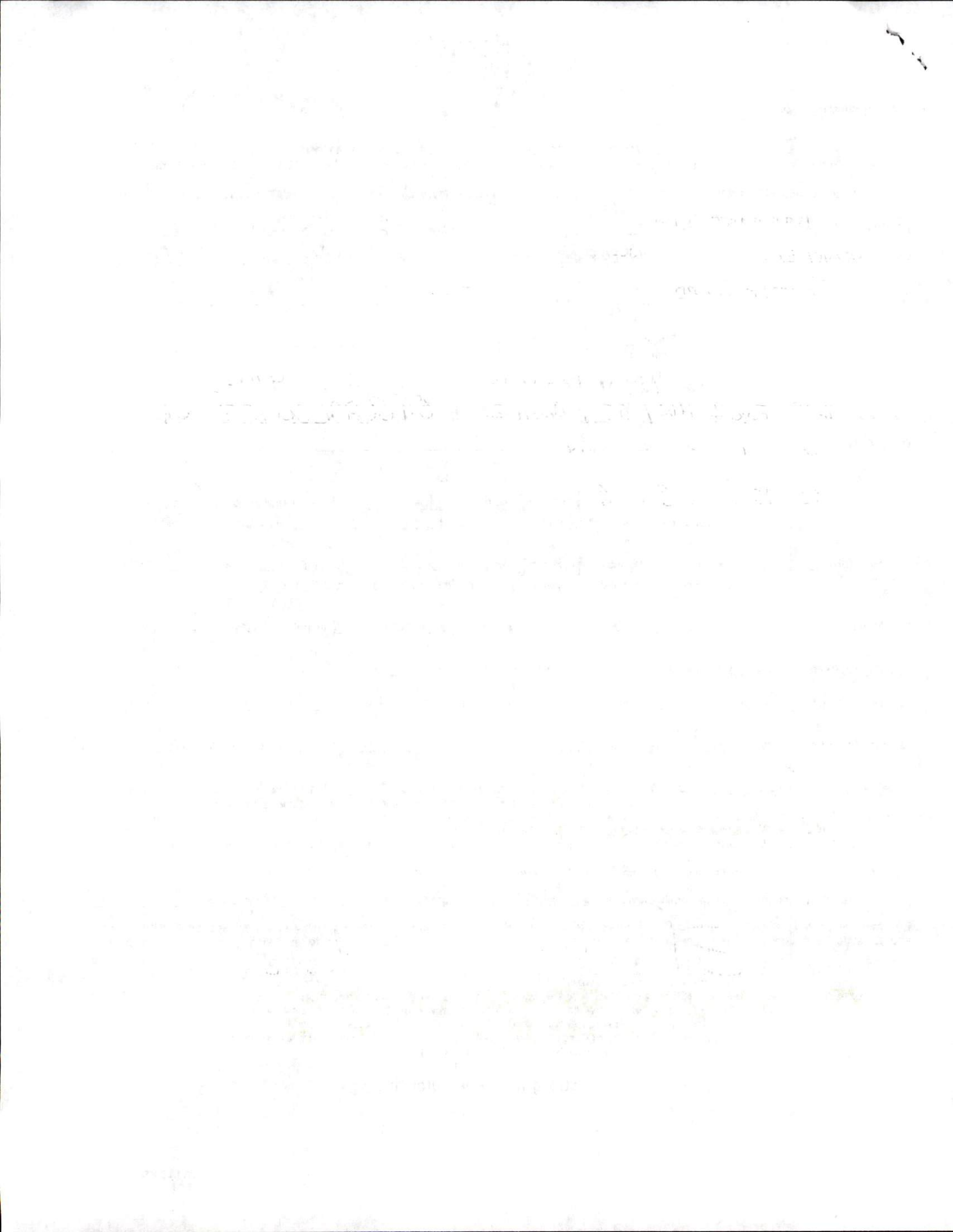
*****It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.*****

This application expires 6 months from the initial date if permits have not been issued*

APPLICATION CONTINUES ON BACK

strong roots • new growth

strong roots • new growth



****This application expires 6 months from the initial date if permits have not been issued****

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 plat = without expiration)



Environmental Health New Septic System

- **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.**

Environmental Health Existing Tank Inspections

- 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**

MORE INFORMATION MAY BE REQUIRED TO COMPLETE ANY INSPECTION

SEPTIC

If applying for authorization to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.

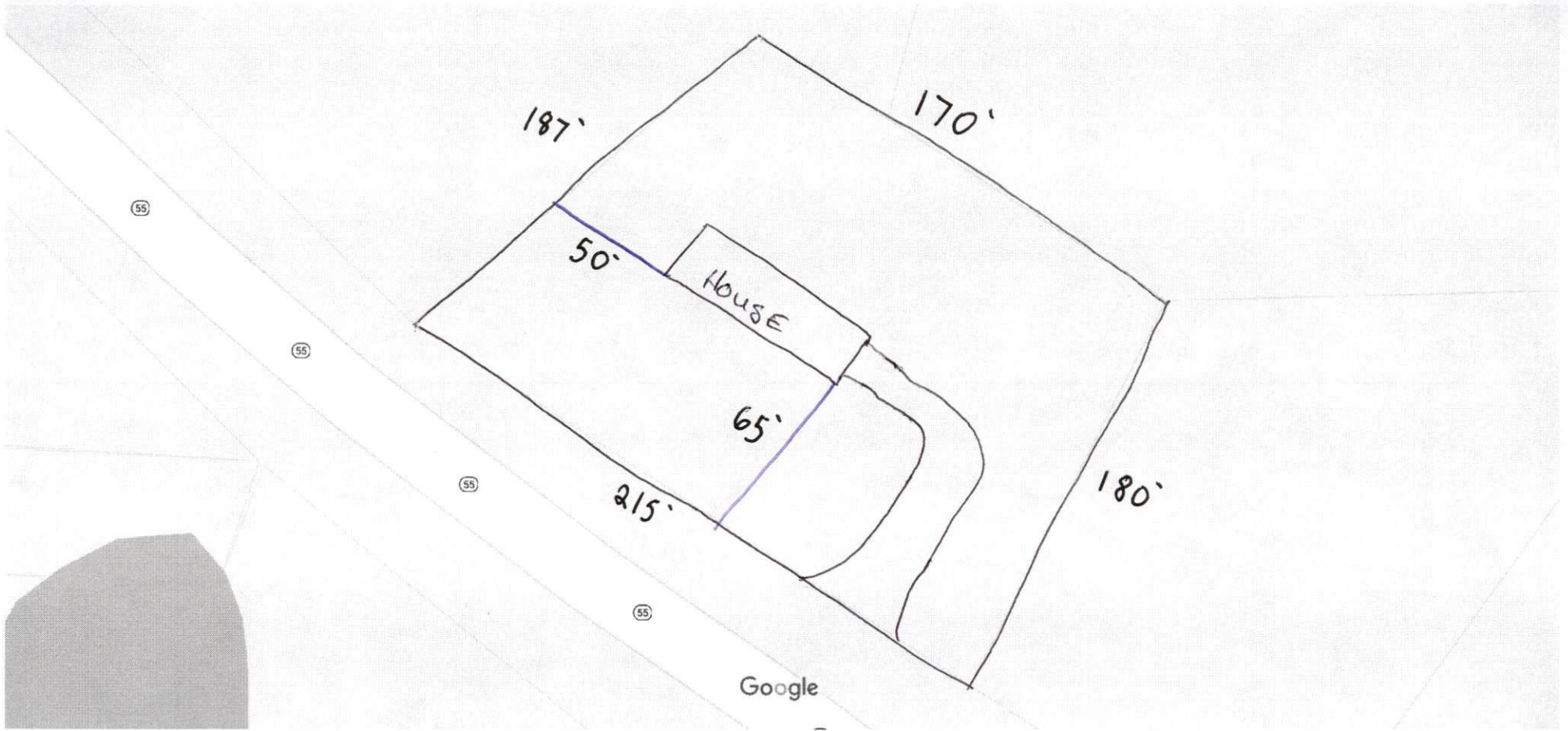
- Accepted
 Innovative
 Conventional
 Any
 Alternative
 Other _____

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 irrigation system now or in the future?
- YES NO Does or will the building contain any drains? Please explain. _____
- YES NO Are there any existing wells, springs, waterlines or Wastewater Systems on this property? **MONITORING**
- 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 800-632-4949 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.



Map data ©2018 Google 20 ft

SITE PLAN APPROVAL

DISTRICT RA30 USE Modular

#BEDROOMS 3

9/25/18
Date



[Signature]
Zoning Administrator

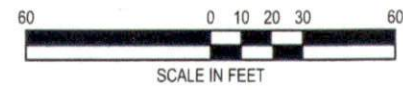


DATA SOURCES:

- 1) WELL LOCATIONS - PROGRESS ENVIRONMENTAL INC.
- 2) SITE BOUNDARY - HARNETT COUNTY GIS
- 3) IMAGERY - HARNETT COUNTY GIS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

	SHALLOW MONITORING WELL		FORMER BUILDING
	VAPOR EXTRACTION WELL		EXCAVATION LIMITS
	SITE BOUNDARY		



Project Mngr:	JLF	Project No.	70149672
Drawn By:	PTK	Scale:	AS SHOWN
Checked By:	JLF	File No.	70149672
Approved By:	JLF	Date:	MARCH 2015

Terracon
 Consulting Engineers and Scientists
 2401 BRENTWOOD ROAD, STE. 107 RALEIGH, NC 27604
 PH. (919) 873-2211 FAX. (919) 873-9555

SITE PLAN
BLALOCK FINA (INCIDENT #24238) 3574 NC HIGHWAY 55 (SR 1182) ANGIER, HARNETT COUNTY, NORTH CAROLINA

Fig No.	2
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May 9, 2018

Terracon

Mr. Scott Leonard
249 Foxwalk Path
Garner, NC 27529
T: 919-291-3301
E: sleonardwws@gmail.com

MAILED BACK
6/12/18

**Re: Blalock Fina
3574 NC Highway 55
Angier, Harnett County, North Carolina
UST Incident Number: 24238
Terracon Project No. 70149672**

Dear Mr. Leonard:

Please find the enclosed Site Access Agreement from the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management (DWM), UST Section. Please complete the form and return both pages to the following address:

Terracon Consultants, Inc.
2401 Brentwood Road, Suite 107
Raleigh, North Carolina 27604
Attn.: Justin Fabriziani

The agreement provides NCDEQ and its contractors (such as Terracon) access to your property as part of the continuing assessment and monitoring of the above listed UST release incident.

Additionally, a summary of the site assessment work is included as an attachment to this letter.

If you have any questions regarding this report or the assessment activities, please contact me at 919-436-2957.

Sincerely,
Terracon Consultants, Inc.


Analee L. Farrell, EI
Staff Environmental Engineer


Justin L. Fabriziani
Project Scientist

Enclosure

Terracon Consultants, Inc. 2401 Brentwood Road, Suite 107 Raleigh, NC 27604
P [919] 873 2211 F [919] 873 9555 terracon.com

Environmental

Facilities

Geotechnical

Materials

Blalock Fina
Angier, North Carolina
Terracon Project No. 70149672A
Incident No. 24238
May 9, 2018



The Blalock Fina site is comprised of 0.69 acres and consists of undeveloped wooded land on the northwestern portion and clear land on the southeastern portion. The surrounding properties consist of wooded residential properties to the west, south, and east with wooded and agricultural land to the north. A petroleum release was discovered February 2001, when laboratory analysis of soil samples collected following the removal of the former on-site USTs revealed the presence of petroleum contaminants.

The site was operated as a gasoline station and convenience store beginning in 1957. The site reportedly originally operated two 1,000-gallon gasoline USTs with a third 550-gallon gasoline UST added to the site in 1958. Approximately 1,224 tons of contaminated soil were excavated during the UST removal activities in February 2001. Assessment activities were conducted in 2002 that included soil sampling and installation of four monitoring wells. Additional assessment activities were conducted between 2002 and 2009 consisting of monitoring well installations and monitoring well and water supply well sampling. During this time free product recovery wells were installed at the site. Groundwater concentrations consistently exceeded 2L standards in multiple monitoring wells. Groundwater is estimated to flow toward the southwest.

Free product has been detected on the site from at least 2004 to 2012. Approximately 0.26 feet of free product was measured in March 2004 and approximately 0.875 inches of free product was measured in 2012. A mobile multi-phase extraction (MMPE) event was completed in 2004 and in 2012.

A Conceptual CAP was developed for the site in September 2010 with three proposed remedial options were presented in the CAP including the injection of oxidants and oxygen releasing compounds; the installation of an air sparge system on each side of the highway, and the enhancement of the air sparge system by in-situ petroleum degrading bacteria inoculation. The injection of oxidants and oxygen releasing compounds was the chosen technology. Vacuum extraction was performed on multiple monitoring wells during the injection event to remove contaminant mass, prevent groundwater mounding, and provide hydraulic control. Based on groundwater samples collected in 2012, the contaminant concentrations had generally increased in the core of the plume when compared to the analytical results prior to the injection event.

Petroleum constituents were detected at concentrations above their respective 15A North Carolina Administrative Code (NCAC) 2L groundwater standards (2L standards) in wells MW-1, MW-3, MW-5, MW-6, MW-7, MW-11, RW-1, RW-2, VEW-1, and VEW-2 during the January 2018 sampling event and benzene was detected above its Gross Contamination Level (GCL) in MW-5.

Thirteen water supply wells are located within 1,000 feet of the source area. The most proximate, potable water supply well is WSW-5, which is located approximately 625 feet east and cross-gradient of the source area. Municipal water is reportedly available to the site and surrounding properties located within 1,000 feet of the source area.

A handwritten signature in black ink, appearing to be the initials "JRL" or similar, located at the bottom right of the page.

Mr. Mark Petermann
Hydrogeologist
DWM UST Section
1646 Mail Service Ctr
Raleigh, NC 27699-1645

Dear Mr. Petermann:

RE: Site Access Agreement
Blalock Fina
3574 NC Highway 55
Angier, Harnett County - RRO
Incident #- 24238

I am/We are the owner(s) of a parcel of property, located at or near the incident in question, and hereby permit the Department of Environmental Quality (Department) or its contractor to enter upon said property for the purpose of conducting an investigation of the groundwaters under the authority of G.S. 143-215.3(a)2.

I am/We are granting permission with the understanding that:

1. The investigation shall be conducted by the UST Section of the Department's Division of Waste Management or its contractor.
2. The costs of construction and maintenance of the site and access shall be borne by the Department or its contractor. The Department or its contractor shall protect and prevent damage to the surrounding lands.
3. Unless otherwise agreed, the Department or its contractor shall have access to the site by the shortest feasible route to the nearest public road. The Department or its contractor may enter upon the land at reasonable times and have full right of access during the period of the investigation.
4. Any claims which may arise against the Department or its contractor shall be governed by Article 31 of Chapter 143 of the North Carolina General Statutes, Tort Claims Against State Departments and Agencies, and as otherwise provided by law.
5. The information derived from the investigation shall be made available to the owner upon



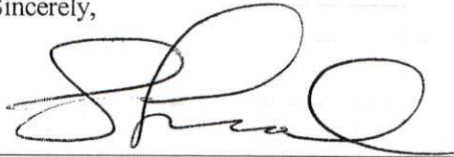
Blalock Fina - Incident # - 24238

request and is a public record, in accordance with G.S. 132-1.

6. The activities to be carried out by the Department or its contractor are for the primary benefit of the Department and of the State of North Carolina. Any benefits accruing to the owner are incidental. The Department or its contractor is not and shall not be construed to be an agent, employee, or contractor of the land owner.

I/We agree not to interfere with, remove, or any way damage the Department's well(s) or its contractor's well(s) and equipment during the investigation.

Sincerely,



Signature

SCOTT LEONARD, MEMBER/MANAGER
N&S EAST, LLC

Type/Print Name of Owner or Agent

919-291-3301

Phone Number

249 FOX WALK PATH

Address

GARNER, NC 27529

City/State/Zip Code

6/12/18

Date