

Soil Consultant Services, Inc.

February 3, 2017

Mr. Jonathan Garrett
Garrett Builders, LLC
821 Hopkins Road
Bahama, NC 27503

RE: Soil/Site Evaluation on Lots, A2, A3 and A4 off Bennehan Drive, Cameron Ground Section of Treyburn

Dear Sir:

A soil/site evaluation was conducted on the above referenced lots to determine the suitability of each for use with a ground absorption sewage treatment and disposal (septic) system.

Based on the respective evaluations the following information is provided.

It was determined that each lot has adequate area of provisionally suitable and suitable soil to serve 4 bedroom systems. You may refer to the attached map for the primary site. Borings are flagged with blue/white tape. Please be aware that additional borings are flagged that may not be part of the primary site, but represent additional area that should not be needed.

Lot A2 has a site on the ridge and side slope on the front of the lot off Bennehan Drive. There appears to be enough area on the ridge to locate a house to have a gravity flow system. Other house locations may require the use of a pump. The site is approximately 45,000 square feet in size with red, loamy and clayey subsoil exhibiting subangular blocky structure underlain by saprolite at depths of 30 – 47 inches.

Lot A3 has a site along the north property line approximately 150 feet from the north-east control corner. This site is approximately 36,000 square feet in size with red loamy and clayey subsoil exhibiting subangular blocky structure underlain by saprolite at depths of 31 – 46 inches.

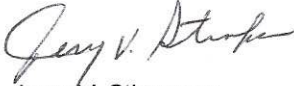
Lot A4 has a very limited area on the lot as proposed. It was agreed that area would be taken from the back portion of A3 to give A4 adequate contiguous area for system and repair. This site is approximately 50,000 square feet in size with dominantly red, loamy and clayey subsoil underlain by saprolite at depths of 31 – 46 inches. A few borings are light yellowish brown and reddish yellow with loamy and clayey subsoil underlain by massive clayey saprolite, with some white mottles caused by Kaolin that are relic and not related to drainage. These borings are in the transition area and with the available space may not be needed.

Given a couple days' notice I will make myself available to meet with the Environmental Health representative.

Please note that this report is for information only and does not represent approval for system installation or site work; approval is granted with the issuance of an improvement permit and construction authorization by the Durham County Health Department.

If I can be of further assistance, please contact me.

Sincerely,



Jerry V. Stimpson
Licensed Soil Scientist



2-45" SPT Rod
 3-32" SPT Rod
 4-21" SPT
 5-21"
 6-38" SPT
 7-36" SPT
 8-44" SPT

PIN 0847-03-31-5348
 PID 201556
 TRIANGLE LAND CONSERVANCY
 DB 4655/659
 PB 164/232
 TRACT 2

ZONING: PDR 1.440

1A-36"
 2A-30"
 3A-48"
 4A-36"
 5A-24" M

A-2
 1-23" SPT
 2-32" SPT
 3-37"
 4-35" SPT
 5-31" SPT
 6-30" SPT
 7-29" SPT
 8-36"
 9-48"
 10-47"
 11-41"

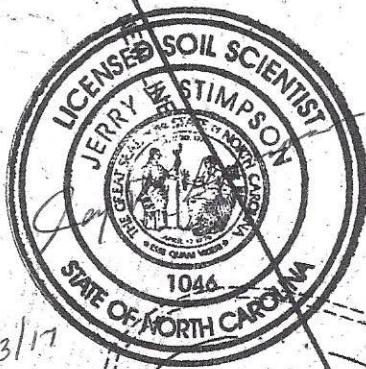
1-01-20-6166
 169
 LAND CONSERVANCY
 /109
 246
 A

3: PDR 1.440

CONTROL CORNER

CONTROL CORNER

**LOT A3
 11.84 ACRES**



PIN 0846-04-47-9800
 PID 201557
 TREYBURN CORPORATE PARK LLC
 DB 6116/695
 PB 187/271
 TRACT 3
 SITE ADDRESS: 6872 STAGVILLE RD.

**LO
 11.14/**

SOIL MAP UNCLASS (INTERMITTENT STREAM) SEE NOTE

**LOT A4
 10.73 ACRES**

**LOT A2
 12.33 ACRES**

EXISTING FARM ROAD CLEARED AND ROUGH GRADED FROM STA. 19+00 AND AROUND LOOP TO END.

NEW 50' PRIVATE RW BENNEHAN DRIVE

**REVISED LOT A1
 11.17 ACRES**

SEE EXEMPT PLAT PENDING FOR LOT A1

REVISED LOT A1 10.94 ACRES + 0.23 ACRE STRIP = 11.17 ACRES
 NO ACCESS TO "B" ROAD DRIVE

EPHEMERAL STREAM NOT SUBJECT TO NEUSE BUFFER RULE PER NCDENR DWQ LETTER DATED APRIL 8, 2011, DWQ EXP# 11-0319.

SOIL MAP UNCLASSIFIED (INTERMITTENT STREAM) *50' BUFFER. SEE NOTE "M".

19+00

23 ACRE
 WITH
 IT A1
 LINES
 MOVED

NEW LINE
 NEW LINE
 NEW LINE
 NEW LINE
 NEW LINE

NEW LINE

NEW LINE

NEW LINE

NEW LINE

NEW LINE

NEW LINE

NEW

NOT EXACT SCALE

2/3/17

Proposed PLK

ADDITIONAL

Proposed PLK

N73°22'58"W
 216.99'

N69°07'48"E
 798.32'

S13°20'14"W
 1236.01'

N73°22'36.5"

1236.01'