

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner:                      Applicant: SOPHOS  
 Address:                      Date Evaluated: 7-15-16-17  
 Proposed Facility: DORM      Design Flow (.1949): 360      Property Size:  
 Location of Site:              Property Recorded:  
 Water Supply:               Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:       Sewage  Industrial Process  Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1,2	L-45%	0-12	SL	FRAGMENT					
		12-32	SC-clay	FRAG. IN S.P.	30-32	ROCKS			.3
3	L-45%	0-10	SL	FR. GRASS					
		10-40	SC-clay	FR. IN S.P.	28-30	ROCKS 3-			.3

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>[Signature]</u> Others Present:
Available Space (.1945)			
System Type(s)	<u>3</u>	<u>3</u>	
Site LTAR	<u>.3</u>	<u>-3</u>	



WM - WATER METER

WILD SPRINGS ROAD  
NCSR # 1441  
60' PUBLIC R/W



CL

R/W

CENTERLINE INTERSECTION OF  
CHALYBEATE SPRINGS RD. &  
ATKINS RD.

N 88°28'21"W 379.21'

EIS S 85°17'03"E 138.76' WM EIP

OVERHEAD WIRES

OVERHEAD WIRES

30' INGRESS, EGRESS &  
UTILITY EASEMENT

S 05°36'52"W 175.70'  
12 GRAVEL DRIVE

EARL McLEAN  
D.B. 955 PG. 293

HARNETT COUNTY SETBACKS  
FRONT - 35'  
SIDE - 10'  
REAR - 25'

N 31°05'00"W 80.00'

EXISTING  
30' INGRESS, EGRESS &  
UTILITY EASEMENT

TERRY ADAMS  
MAP # 2014-188

(7A)

N 107°24'58"E 286.82'

N 42°91'40" N

S 01°27'27"E 312.91' EIP

S 84°25'00"E 203.16'

165.76'

PROP. DRIVE

60.2'

6" CHAIN LINK FENCE

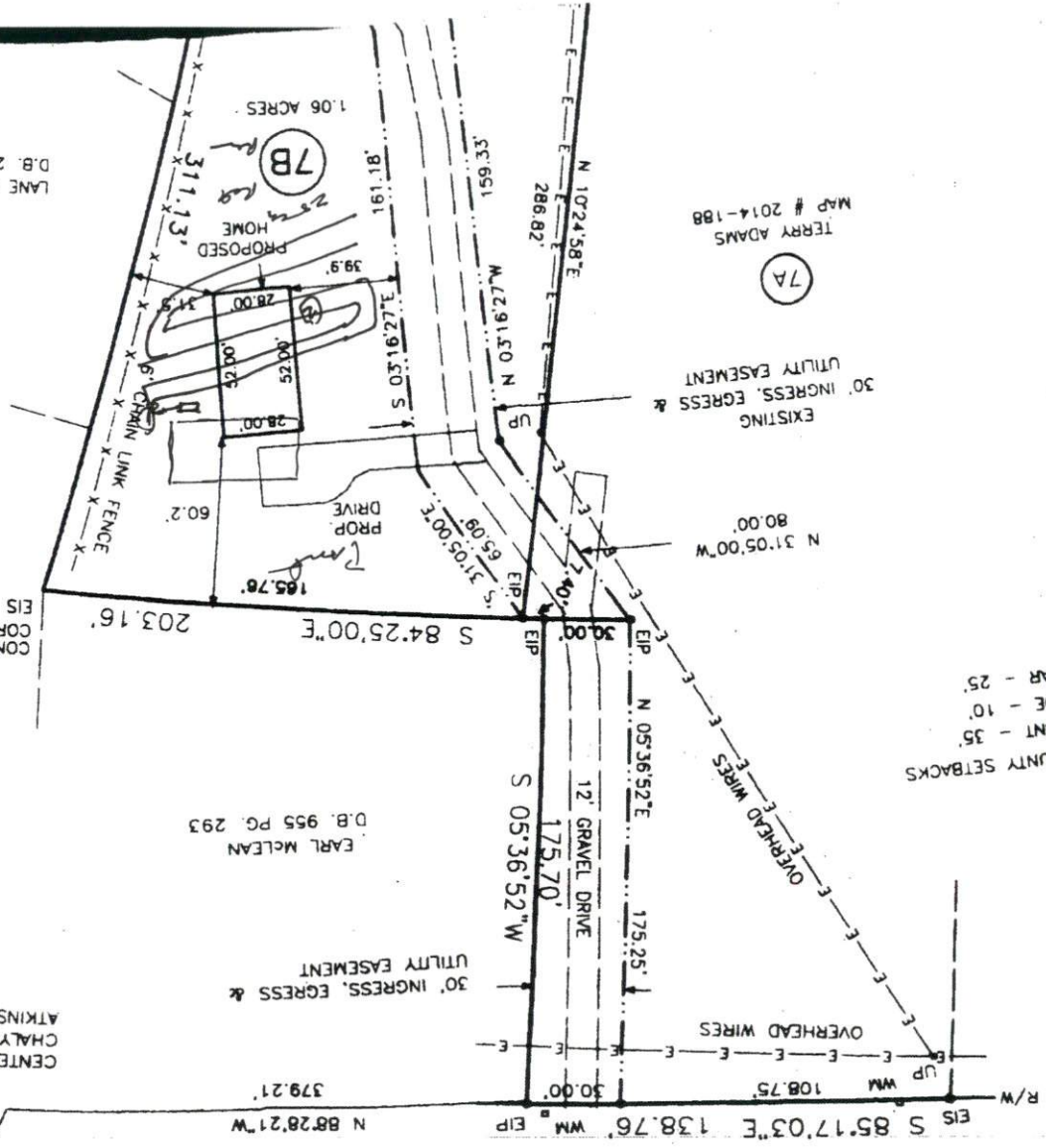
PROPOSED HOME

1.06 ACRES

LANE & ASSOC.  
D.B. 2144 PG. 360

LANE & ASSOC.  
D.B. 2144 PG. 360

CONTROL CORNER EIS



Tenge 9 291-0714

**Thomas J. Boyce**  
**P.O. Box 81**  
**Pittsboro, NC 27312**  
**919-868-8135**  
**NC Licensed Soil Scientist # 1241**  
**NC Registered Sanitarian # 1353**

Benton W. Dewar and Assoc.  
Professional Land Surveyor  
5920 Old Honeycutt Road  
Holly Springs, NC 27540

Re: Proposed lots 7A, 7B, and 7C, Terry Adams- owner, Chalybeate Springs Road Harnett County

Dear Mr. Dewar,

A soils evaluation, performed by soils auger, was completed on the above referenced lot on May 22, 2014. The property is located on the south side of Chalybeate Springs Road as shown on the accompanying map. The purpose of the evaluation was to determine the ability of the soils to support a subsurface waste disposal system for initial and repair for a three bedroom house for lot 7B and repair areas for lots 7A and 7C. The lot 7B is to be served by public water. All ratings were done in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A.1900" .

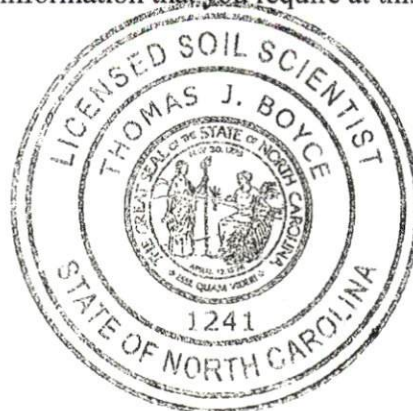
The lot 7B contains adequate area for initial and repair for a three bedroom house (60 X 60). Lots 7A and 7C contain adequate area for repair of the existing systems. Typical soils are twelve or more inches of sandy loam over sandy clay loam to sandy clay for thirty inches or more. The lots may include the use of conventional, at-grade, accepted, innovative, LPP, or a pump, etc. Soil characteristics were dominantly provisionally suitable to at least thirty-six or more inches (including .1940,.1941,.1942,.1943,.1944 and .1945). A typical long term acceptance rate for these soils and systems is .3-.4 gpd/sq.ft for conventional and accepted gravelless systems, and .15-.2 gpd/sq.ft for LPP.

This report does not guarantee or represent approval or issuance of permits as needed by the client from the local health department. This report only represents my professional opinion as a licensed soils scientist. Permits will only be issued if the local health department staff concurs with the findings of this report. I trust this is the information that you require at this time. If you have any questions, please call.

Sincerely,

*Thomas J. Boyce*

Thomas J. Boyce



W - WATER  
 CO - SEWER CLEANOUT  
 TP - TELEPHONE PEDESTAL  
 UP - UTILITY POLE  
 EL - ELEVATION  
 MH - MANHOLE  
 BC - BACK OF CURB  
 HVAC - HEAT/AC UNIT  
 CP - COMPUTED POINT  
 SURVEY

NOTED IN A FEMA MAPPED  
 MAP # 3720086400J  
 008  
 UNDERGROUND

Ant depleted heron has been  
 County E-911 Addressing,  
 the LORRAs, and the  
 transportation. This plot is subject  
 below and is eligible for  
 of deeds within thirty

Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

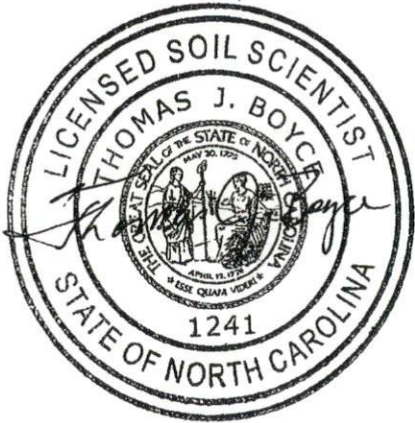
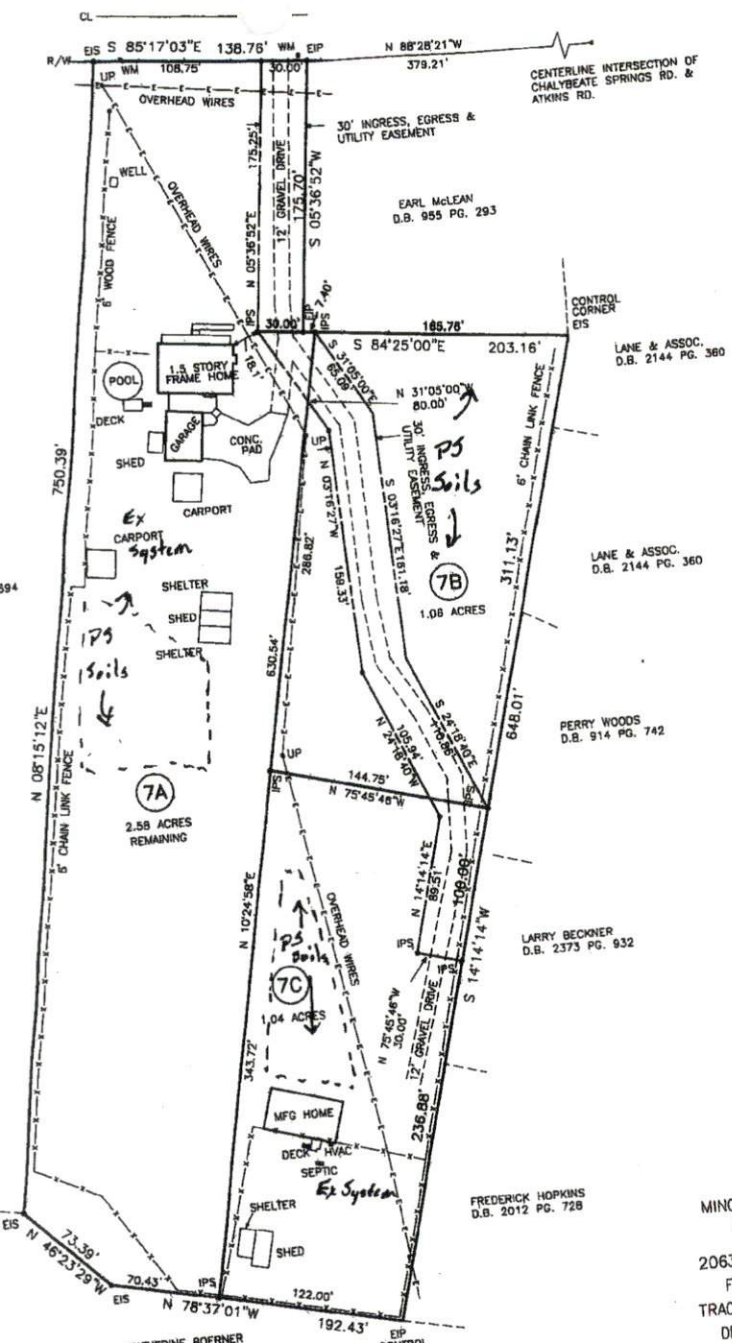
(6)  
 HATTIE DAVIS  
 D.B. 2348 PG. 694

AND ABANDONED  
 AND THE OWNER(S) OR  
 DESCRIBED HEREIN AND THAT  
 SUBDIVISION WITH ANY (OUR)  
 IN BUILDING SETBACK LINES  
 WALLS, PAVES AND OTHER  
 PRIVATE USE AS NOTED, ALL  
 IN THE SUBDIVISION REGULATION

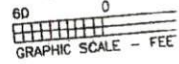
TAX PARCEL ID NUMBER  
 OTHER  
 OTHER

CERTIFICATE  
 I, \_\_\_\_\_  
 REVIEW OFFICER OF  
 COUNTY, CERTIFIED D.B. 1207 PG. 348  
 STATUTORY REQUIREMENTS FOR RECORDING.

I, \_\_\_\_\_  
 PROFESSIONAL LAND SURVEYOR  
 OF A SURVEY THAT CREATES A  
 HARNETT COUNTY  
 NORTH CAROLINA



MINOR SUBDIVISION  
**TERRY**  
 2063 CHALYBEAT  
 FUQUAY-VARII  
 TRACT # 7 MAP  
 DEED BOOK 2  
 PIN # 0664-  
 BLACK RIVE  
 HARNETT COUNTY  
 SCALE : 1" = 60'



DENSON W. DE