

Southeastern Soil & Environmental Associates, Inc.

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May 25, 2018

Harnett County Health Department
307 Cornelius Harnett Blvd.
Lillington, N.C. 27546

Re: Soil evaluations and final septic recommendations, Lots 3 & 4, Landon Chandler
Subdivision, NCSR 1400, Hobby Road, Harnett County, North Carolina

To whom it may concern,

A preliminary soils investigation has been completed for each of the above referenced lots. The property is located on Hobby Road as shown on the accompanying map. The purpose of the investigation was to determine the ability of the soil to support any subsurface waste disposal system for each proposed lot. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

Each lot appears to contain at least one area that meets minimum criteria for subsurface waste disposal systems for at least a typical (60' x 60') 5 bedroom home (may include the use of conventional drainlines, gravelless drainlines, low pressure pipe, pumps, fill, large diameter pipe, french drains, pretreatment, drip irrigation, etc.). Soil characteristics in the usable areas were dominantly provisionally suitable to at least 24 inches including those specified in rules .1940, .1941, .1942, .1943, .1944 and .1945. A soil map indicating typical soil areas that meet these criteria is enclosed. Each of the lots appears to contain sufficient available space for a repair area for at least a typical 5 bedroom home (may include the use of any of the systems mentioned above).

Any or all lots may require specific design/layout on our part prior to action by the local health department due to space and soil considerations (at separate cost to client). Alternative systems (mentioned above) could be required on any lot to compensate for shallow unsuitable soil conditions. Specific house locations, house sizes, driveway locations and/or side entry garages may be required on any individual lot. There should be no grading, logging or other site disturbance in soil areas designated as usable for subsurface waste disposal until approved by the local health department (any site disturbance could remove soil and render the area

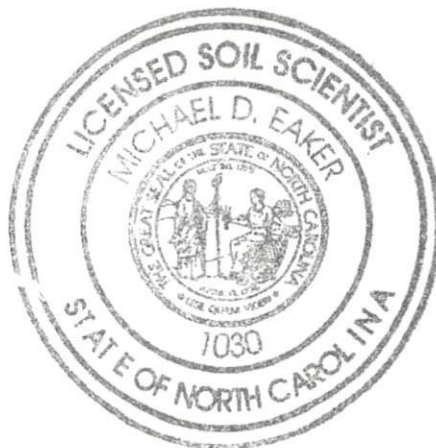
When evaluated, the soil areas designated as usable for subsurface waste disposal were dry to at least 24 inches. During wetter time periods, subsurface water could be found in any of these soil areas at shallower depths. The local health department has the authority to deny a permit to any soil where water saturates a soil boring. SSEA cannot be certain that this will not occur on any of these lots. If this occurs (and cannot be remedied with a french drain or other drainage), any of these lots could become unsuitable due to .1942 (soil wetness).

As with any property, this report does not guarantee, represent or imply approval or issuance of improvement permit as needed by the client from the local health department (as such, any potential buyers of these properties should obtain appropriate permits from the local health department prior to making and/or completing purchase obligations or financial commitments. Since professional opinions sometimes differ, an actual improvement permit issuance by the local health department is the only "guarantee" of a site's suitability for a buyers intended use.). This report only addresses rules in force at the time of evaluation. Permits will only be granted if the local health department concurs with the findings of this report. This report only represents my professional opinion as a licensed soil scientist. I trust this is the information you require at this time. If you have any questions, please call.

Sincerely,



Mike Eaker
NC Licensed Soil Scientist



- LEGEND**
- CMG - CONCRETE MONUMENT SET
 - CSM - EXISTING CONCRETE MONUMENT
 - EP - EXISTING IRON PIPE
 - ES - EXISTING IRON SINK
 - EPW - EXISTING POLY SPHE
 - ESW - EXISTING COTTON SPHE
 - EPK - EXISTING IRON KAIL
 - ESK - EXISTING GALVANIZED SPHE
 - EPH - IRON PIPE SET
 - ESH - IRON SINK SET
 - EPB - RAILROAD SPIKE SET
 - HE - NAIL SET
 - PHS - PK OR MAG. NAIL SET
 - CL - CEMENTLINE
 - S.M. - BOOK OF MAPS
 - PL - PLAT BOOK
 - M.B. - MAP BOOK
 - O.B. - DEED BOOK
 - SS - SET BACK
 - EP - EDGE PAVEMENT
 - NGSS - NORTH CAROLINA GEODESIC SURVEY
 - ECG - EXISTING COTTON SPHABLE
 - CSG - COTTON SPHABLE SET
 - D - DRAINAGE
 - GL - GAS LINE
 - S - SANITARY SINKER
 - W - WATER
 - E - ELECTRIC
 - T - TELEPHONE
 - FW - FIRE HYDRANT
 - HW - WATER METER
 - WV - WALKER VALVE
 - CO - SEWER CLEANOUT
 - TP - TELEPHONE FEDERAL
 - UP - UTILITY POLE
 - EL - ELEVATION
 - MAP - MANHOLE
 - OC - BACK OF CURB
 - HWC - HEAD/W/ LINE
 - CP - CORNERED POINT

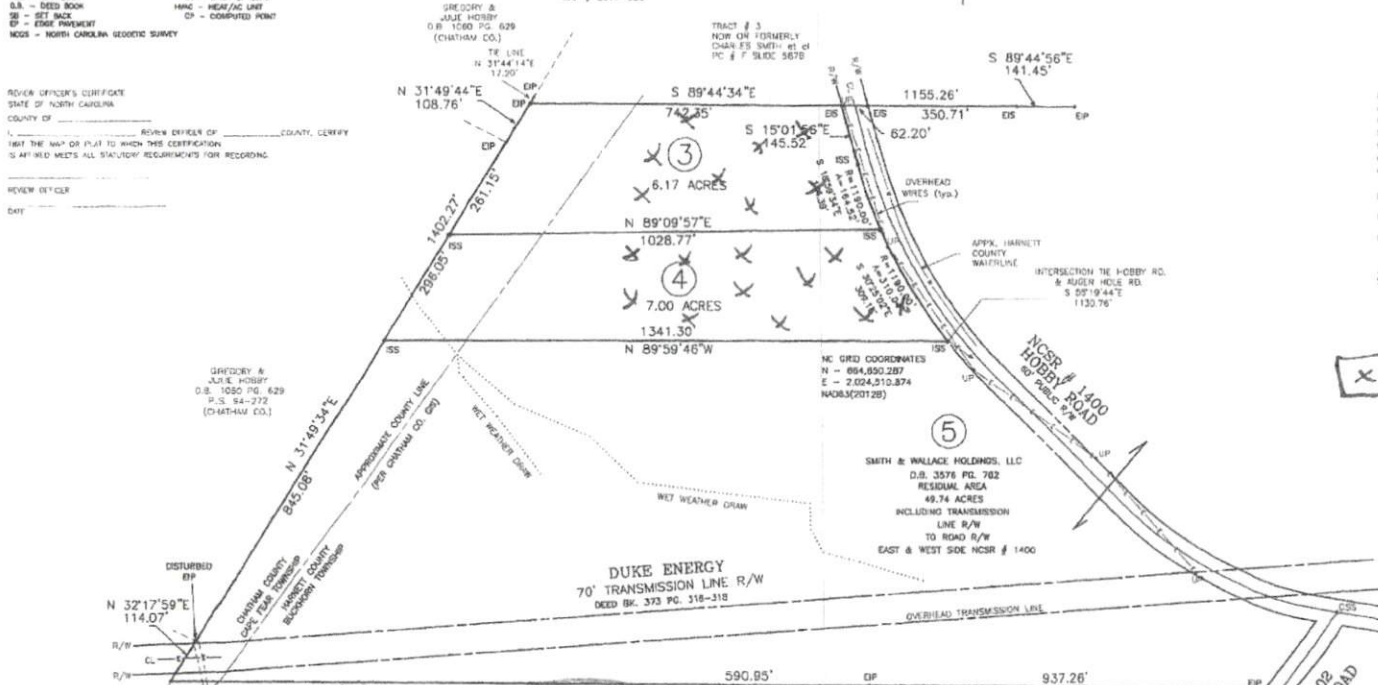
- REFERENCES**
- HARNETT COUNTY
 D.B. 1947 PG. 492
 D.B. 373 PGS. 318-318
 D.B. 665 PG. 792
 D.B. 682 PG. 357
 D.B. 683 PG. 553
 D.B. 731 PG. 993
 D.B. 830 PG. 958
 P.C. # D SLIDE 44A
 MAP # 2017-190
 MAP # 2014-3
 MAP # 2016-13
 P.C. # F SLIDE 6360
 P.C. # F SLIDE 5678
 P.C. # D SLIDE 1300
 MAP # 2017-385
- WAKE COUNTY
 S.M. 1990 PG. 10
- CHATHAM COUNTY
 D.B. 1360 PG. 1119
 D.B. 776 PG. 828
 D.B. 1660 PG. 629
 P.S. 94-272
 P.S. 92-34
 P.S. 92-34

HARNETT COUNTY JURISDICTION
 ZONED RA-30
 MINIMUM BUILDING SETBACKS
 FRONT - 30'
 SIDE - 10'
 REAR - 25'

NOTES
 AREA BY COORDINATES.
 THIS PROPERTY IS NOT LOCATED IN A FEMA MAPPED FLOOD HAZARD AREA. FEMA MAP # 372000010001 ZONE X; EFF. DATE 5/2/2009. SUBJECT TO ABOVE AND/OR UNDERGROUND UTILITIES AND OR EASEMENTS.
 NC GRID COORDINATES FROM GPS VRS OBSERVATIONS, TIED TO NCOS CORS STATIONS. DATUM: NAD83(2011), COMBINED FACTOR - 0.99981330
 30' DUKE ENERGY EASEMENT ON ELECTRIC SERVICE LINES.

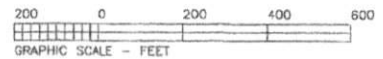


REVIEW OFFICER'S CERTIFICATE
 STATE OF NORTH CAROLINA
 COUNTY OF _____
 I, _____ REVIEW OFFICER OF _____ COUNTY, CERTIFY THAT THE MAP OR PLAN TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.
 REVIEW OFFICER _____
 DATE _____



x = Approximate PS
 Sou for
 SEPTIC

DIVISION SURVEY FOR
LANDON CHANDLER
 PROPERTY OF
 SMITH & WALLACE HOLDINGS, LLC
 1002 COPELAND OAKS DRIVE
 MORRISVILLE, NC 27560
 DEED BOOK 3576 PAGE 762
 MAP # 2017-386
 PIN # 0626-44-7561.000
 BUCKHORN TOWNSHIP - HARNETT COUNTY
 CAPE FEAR TOWNSHIP - CHATHAM COUNTY
 NORTH CAROLINA
 SCALE : 1" = 200' - MAY 15, 2018



BENTON W. DEWAR AND ASSOCIATES
 PROFESSIONAL LAND SURVEYOR
 5920 HONEYCUTT ROAD
 HOLLY SPRINGS, NC 27540
 PH. # (919)-552-9813



I, BENTON W. DEWAR, PROFESSIONAL LAND SURVEYOR NO. L-3040, CERTIFY THAT THIS PLAN IS OF A BOUNDARY SURVEY OF AN EXISTING PARCEL OF LAND THAT IS REGULATED BY A COUNTY OR MUNICIPALITY ORDINANCE THAT REGULATES PARCELS OF LAND.

BENTON W. DEWAR, NCPLS 3040
 I, BENTON W. DEWAR CERTIFY THAT THIS PLAN WAS DRAWN UNDER MY SUPERVISION FROM AN ACtual SURVEY MADE UNDER MY SUPERVISION, THAT THE RATIO OF PRECISION IS 1:_____, THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK PAGE _____ THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH G.S. 47-36 AS AMENDED, WITNESS MY ORIGINAL SIGNATURE LICENSE NUMBER AND SEAL THIS _____ DAY OF _____ 20____
 BENTON W. DEWAR, NCPLS - 3040

HARNETT COUNTY NORTH CAROLINA
 FIELD DATE _____ TIME _____
 MAP NUMBER _____
 KIMBERLY S. HARGROVE REGISTER OF DEEDS
 BY: _____ DEPUTY
 RECORDED MAP # 2018 - _____ HARNETT CO. R.O.D.