



OPERATION PERMIT

Wilson County Environmental Health
1801 Glendale Drive Southwest
Wilson, NC 27893
Phone: (252) 291-0468

2022-024

For Office Use Only	
*CDP File Number	<u>366209 - 3</u>
County ID Number:	<u>2751-55-5105</u>
Evaluated For:	<u>NEW</u>

Property Owner: Rainwater, LLC
 Address: 63 Rainwater Court
 Road #:
 City: Clayton
 State/Zip: / 27520
 Phone #: (919) 868-0508
 Township:
 Subdivision: Buckhorn Plantation SD
 Phase: NEW

*8662
Buckhorn
Plantation
SD*

Lot: 32

Structure: SINGLE FAMILY
 # of Bedrooms: 4
 # of People: 8
 Water Supply: NEW WELL
 Sapolite System?: Yes No
 Pump Required?: Yes No
 Design Flow: 480
 System Classification/Description: TYPE III G. OTHER
 NON-CONV. TRENCH SYSTEMS

Installer: Batten Backhoe Services
 Certification #: 2682

Specific System: INFILTRATOR QUICK 4 STANDARD
 Installed: *10/14/2022*
 STB: MCP-1000 STB-814
 Septic Tank Date: 07/14/2022
 Pump Tank Date: _____

PT:

Comments: 4 100' x 3' Chambers; 25% Reduction; Gravity to D-Box
 Installed 09/02/2022, Rechecked grade on lower two trenches 09/23/2022
 Do not build, park, drive, or otherwise disturb any part of the system or repair area

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.

PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1961.
- II. Monitoring: As required by Rule .1961.
- III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

Other:

Subsurface Operator Required: Yes No

If yes, see attached sheet for additional operation conditions, maintenance and reporting.

Operation:

Other: 4 100' x 3' Chambers; 25% Reduction; Gravity to D-Box
 Installed 09/02/2022, Rechecked grade on lower two trenches 09/23/2022
 Do not build, park, drive, or otherwise disturb any part of the system or repair area

Authorized State Agent: Johnson, Jeremy *Jeremy Johnson REHSI*

Date of Issue: 09/23/2022

Owner/Applicant: _____

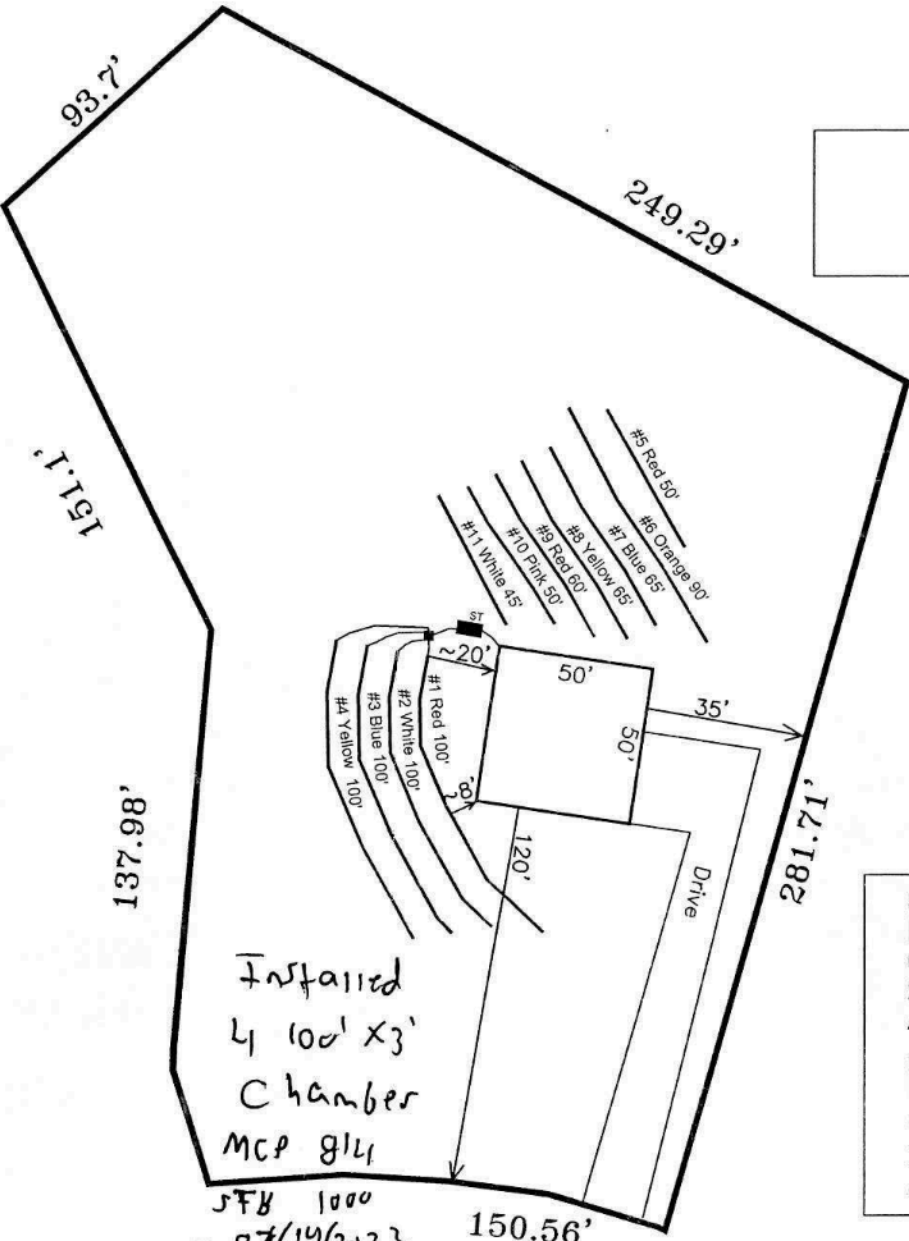
4-Bedroom Septic Design
 Rainwater LLC,
 8662 Buckhorn Plantation Road
 Wilson County, NC

*Not a Survey
 (sketched from client data)

*1000 Gallon Septic Tank

System: Gravity to D-Box
 Lines: Lines 1-4 (400')
 0.3 LTAR
 25" Max Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: Lines 4-5 (230')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

Geny J. RE+UE
 9/23/2022

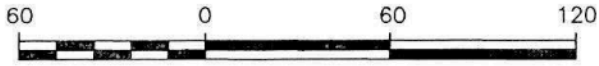


Installed
 4 100' X 3'
 Chamber
 MCP 8/4
 JFB 1000
 07/14/2022
 Buckhorn Plantation Road
 PL-62 Filter

*1000 Gallon Septic Tank

*see attached site plan for lot dimensions

GRAPHIC SCALE
 1" = 60'



Adams
 Soil Consulting
 919-414-6761
 Project #1197

This document is being submitted to Wilson County Environmental Health pursuant to Session Law 2018-114 Section 11. (c) and NCDHHS Position Statement dated July 24, 2018.

This document is accompanied by the soil report done by

Adams Soil Consulting

For PIN: 2751-55-5105.000

File: Buckhorn Plantation SD Lot 32

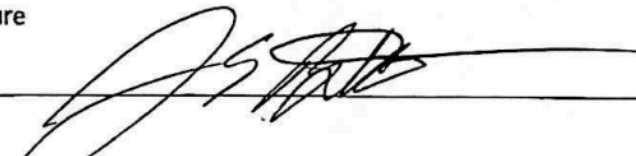
"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c)."

Owner:

Print Name

Scott Betts Rain Water LLC

Signature



Date:

2/25/2022

**Adams Soil Consulting
1676 Mitchell Road
Angier, NC 27501
919-414-6761**

February 16, 2022
Project #1141

The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

RE: 8662 Buckhorn Plantation Road –Wilson, NC (Wilson County) Rainwater LLC

To whom it may concern:

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 “Laws and Rules for Sewage Treatment and Disposal Systems”. From this evaluation, ASC is providing the attached 4-bedroom septic design.

The suitable soils found on the subject property were relatively consistent across the lot. Soil properties similar to the Cecil soil series were predominating in the initial and repair septic areas. The area designated for the initial/primary septic system (see attached septic plan) was found to contain soils with greater than 36 inches in depth before a restrictive horizon was encountered.

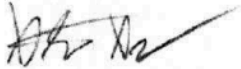
Please find the attached wastewater soil/site evaluation forms for specific soil properties found in the initial and repair areas as well as assigned soil long term acceptance rate (LTAR). Numerous soil borings were made throughout the property and representative soil profile descriptions for the primary septic field and repair area are provided. A location sketch for profile descriptions is also attached. The initial and primary septic fields were sized based on a flow rate of 480 gallons/day and utilizing Accepted Status. Any unauthorized site disturbance, filling, soil removal, or layout changes may result in the permit being revoked.

The septic installer contractor shall install the primary and repair (if needed) system on contour, see attached site plan for the primary system and well location. No underground utilities, water lines, or sprinkler systems shall be placed into the initial or repair septic areas. Installation must meet all state and Johnston County regulations for septic system installation. The trenches must be installed in the same location as the site plan. If the installation is in question at the time of installation call me (Alex Adams) at 919-414-6761.

This report discusses the location of provisionally suitable soils identified on the property and does not guarantee the future function of any waste water disposal system installed.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime. Thank you allowing me to perform this site evaluation for you.

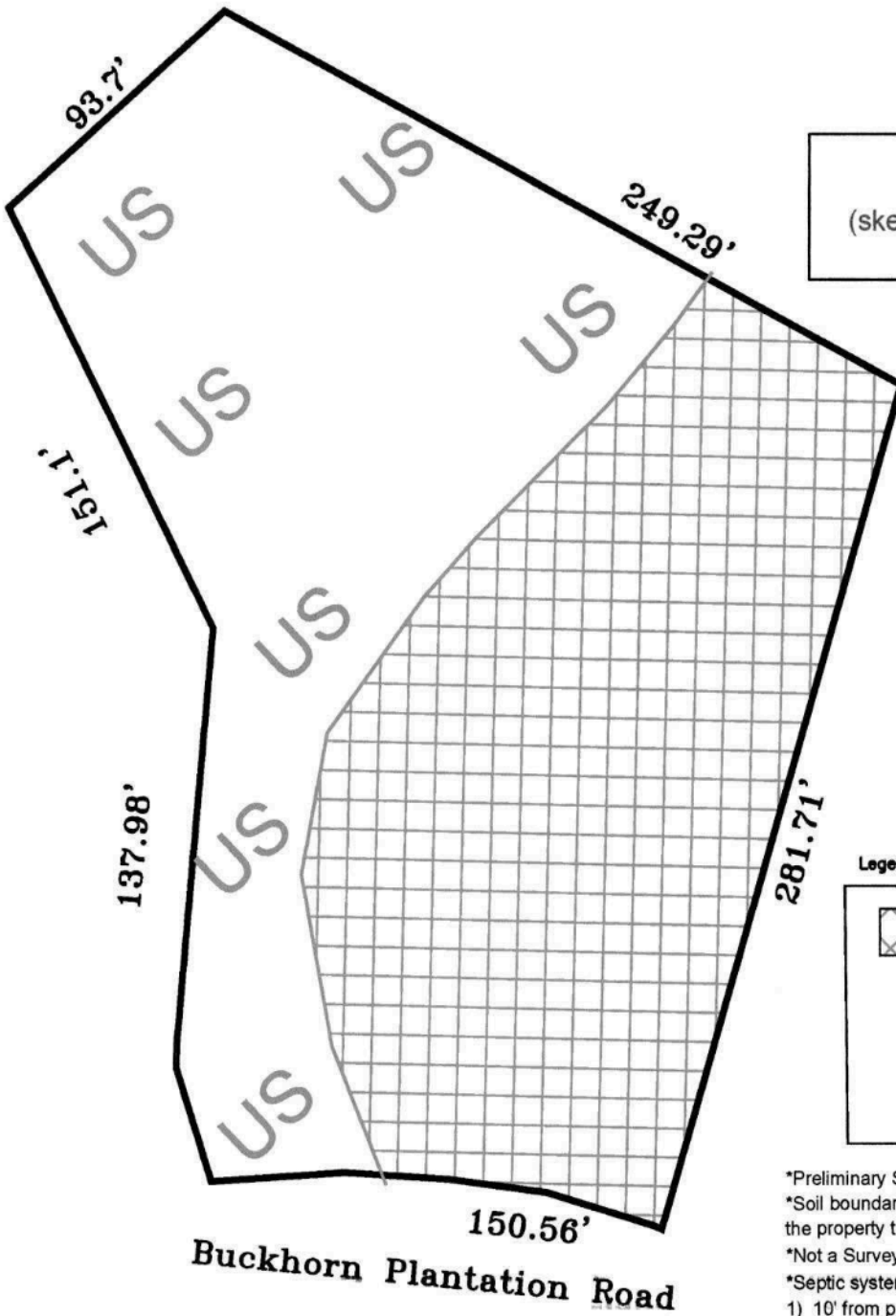
Sincerely,



Alex Adams
NC Licensed Soil Scientist #1247



Preliminary Soil Evaluation
 Scott Betts
 8662 Buckhorn Plantation Road
 Wilson County, NC



*Not a Survey
 (sketched from Wilson County Public Records)

Legend



Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.

US Unsuitable Areas

*Preliminary Soils Evaluation

*Soil boundary was sketched onto a preliminary map of the property taken from public records.

*Not a Survey.

*Septic system setbacks listed below for new lots.

- 1) 10' from property lines.
- 2) 100' from wells for primary systems.
- 3) 50' from surface waters (streams, ponds, lakes).

*Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.

*See accompanying report for additional information.

*Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.



GRAPHIC SCALE
 1" = 60'



Adams
 Soil Consulting
 919-414-6761
 Project #1197