



North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

X New ___ Expansion ___ Repair ___ Relocation ___ Relocation of Repair Area

Owner or Legal Representative Information:

Name: David O'Connell
Mailing address: 279 Ponderosa Trl City: Cameron State: Zip: 28326
Phone: 843-455-5500 Email: mroceanfront@yahoo.com

Authorized Onsite Wastewater Evaluator Information:

Name: Thomas Boyce, LSS, AOWE Certification #: 10006E
Mailing address: PO Box 865 City: West End State: NC Zip: 27376
Phone: (910)295-1899 Email: info@owpnc.com

Site Location Information:

Site address: 279 Ponderosa Trail Lot K3 Cameron, North Carolina 28326
Tax parcel identification number or subdivision lot, block number of property: 099567000411
County: Harnett

System Information:

Wastewater System Type: III(b)(g)- Accepted
Daily Design Flow: 360
Saprolite System: ___ Yes X No Subsurface Operator Required: ___ Yes X No
Water Supply Type: ___ Private Well X Public Water Supply ___ Spring ___ Other:

Facility Type:

X Residential 3 # Bedrooms 6 Maximum # of Occupants
Business Type of Business and Basis for Flow:
Public Assembly Type of Public Assembly and Basis for Flow:



Required Attachments:

X Plat or Site Plan
X Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 1 day of July, 2024 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina. This NOI shall expire on 1 day of July, 2029.

Signature of Authorized Onsite Wastewater Evaluator: Thomas J Boyce

Signature of Owner or Legal Representative: David O'Connell

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:
Signature of Local Health Department Representative: [Signature] Date: 7-2-24

Pre-Construction Requirements

- A pre-construction conference is mandatory before starting the installation to confirm no significant site changes have affected the system area.
- The client or contractor must notify Marlin Wastewater Services (MWS) at least one week prior to the installation start date to arrange a site visit.
- Installation cannot begin until the pre-construction conference is completed.
- After the pre-construction conference, the onsite wastewater contractor must contact MWS to schedule installation inspections at least 2 days prior to the start of installation.
- Inspections will occur Monday through Friday. Installation must not begin without a confirmed inspection appointment.
- Systems must not be installed in wet conditions; doing so will result in permit revocation.
- Any modifications to the proposed plans must be approved by the AOWE.
- The installer must be licensed and insured. A certificate of insurance must be provided to MWS before the Authorization to Operate is issued.
- A copy of the entire permit, including these requirements, must be provided to the selected Onsite Wastewater Contractor (Installer).

Site Requirements

- No traffic, construction, excavation, utilities, material storage, or disturbances are allowed on the designated septic or repair area. These activities may void your permit.
- No heavy equipment or vehicular traffic is allowed over the leach field.
- This Notice of Intent (NOI) becomes invalid or may be revoked if the site is altered.
- There shall be no grading, cutting, logging, or other soil disturbance in the septic area.
- Design does not guarantee the functionality or future performance of the wastewater system.

Installation

- Backfilling: The septic installer is responsible for backfilling the system components to prevent surface water retention or ponding. All chambers must be backfilled according to the manufacturer's guidance.
- Post-Installation: After installation, settling of the backfill material may occur. The system owner/contractor is responsible for addressing settled or sunken areas, stabilization, and final landscaping.
- Drainage Management: All downspout drainage, surface, and stormwater must be diverted away from the septic system.
- Compliance: The installer must adhere to all applicable laws, rules, permit conditions, and manufacturer's guidance/approvals during installation.

Final Inspection

- The client/owner must mark property lines and corners before installation. These must be visible for the final inspection, or additional site visits at the owner/contractor's expense will be required.
- The system installation must be inspected by the AOWE at specific stages. For systems with pumps, the septic installer must ensure proper installation of electrical components. An electrical permit is required, and a licensed electrician must provide electrical service to the pump controller and alarm, which must be on separate circuits.
- Pump systems often require an additional final inspection after electrical components are operational.
- AOWE does not inspect electrical components; this must be done by the local inspections department.

AOWE Permit Requirements

Operation and Maintenance

- The owner must comply with NCAC 18E .1301 regarding the operation and maintenance of wastewater systems. Routine pumping and inspections are necessary to ensure proper system operation.
 - No heavy equipment or vehicular traffic is allowed over the leach field.
-

Setbacks

- The contractor must ensure the septic system is installed in the proper location and that all setback requirements are met (see NCAC 18E .0601).
 - In applicable counties, the contractor must comply with local rules.
 - Property lines must be marked by the surveyor and visible at the time of final inspection.
 - No utilities may be installed in the initial or repair septic system areas.
-

Tanks

- All tanks must pass a vacuum or hydrostatic leak test, with written verification from the manufacturer.
 - Tanks must be of top-seam construction with watertight penetrations at both the inlet and outlet through a boot.
 - Access risers must be sealed watertight to prevent water intrusion. Baffle lids must be sealed after verifying the gap over the baffle is unobstructed by concrete or debris.
 - Tank and supply line locations are flexible, provided all setbacks are met.
-

Acknowledgment and Agreement

By signing below, the client acknowledges understanding and acceptance of the above requirements and agrees to hold Marlin Wastewater Services harmless for any issues arising from the installation of the system. Marlin Wastewater Services is not responsible for the system's future performance or function. Client agrees to provide the NOI package, including permit requirements, and any change orders or updates to the Onsite Wastewater Contractor (Installer).

Client Signature: _____ *David O'Connell*

Date: 07 / 01 / 2024



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/06/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Terry Riney Agency, Inc. 11 Trotter Hills Circle Pinehurst NC 28374-7930	CONTACT NAME: Kelli R. Starr	FAX (A/C. No.): (910)295-8980	
	PHONE (A/C. No., Ext): (910)295-1121	E-MAIL ADDRESS: kelli@rineyagency.com	
INSURED Marlin Wastewater Services, LLC P.O. Box 865 West End NC 27376-	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A :Erie Insurance Company		26263
	INSURER B :Erie Insurance Exchange		26271
	INSURER C :		
	INSURER D :		
	INSURER E :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			Q61-0188942	07/01/2023	07/01/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			Q61-0188942	07/01/2023	07/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED \$ RETENTION \$			Q31-0173849	07/01/2023	07/01/2024	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		<input checked="" type="checkbox"/>	Q91-0104617	07/01/2023	07/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractor's Errors & Omissions			Q61-0188942	07/01/2023	07/01/2024	Each Occurrence 1,000,000 Aggregate 1,000,000 Deductible 1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Septic tank repair and service

CERTIFICATE HOLDER

CANCELLATION

AI001118

XXXXXXXXXXXX
Sample Certificate
XXXXXXXXXXXX

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Kelli R. Starr

Fax: () -

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ACORD 25 (2014/01)

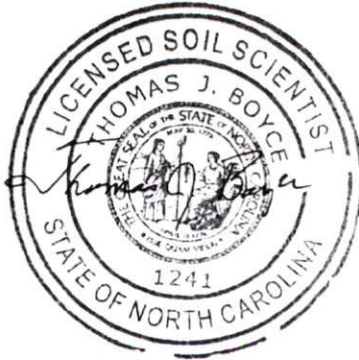
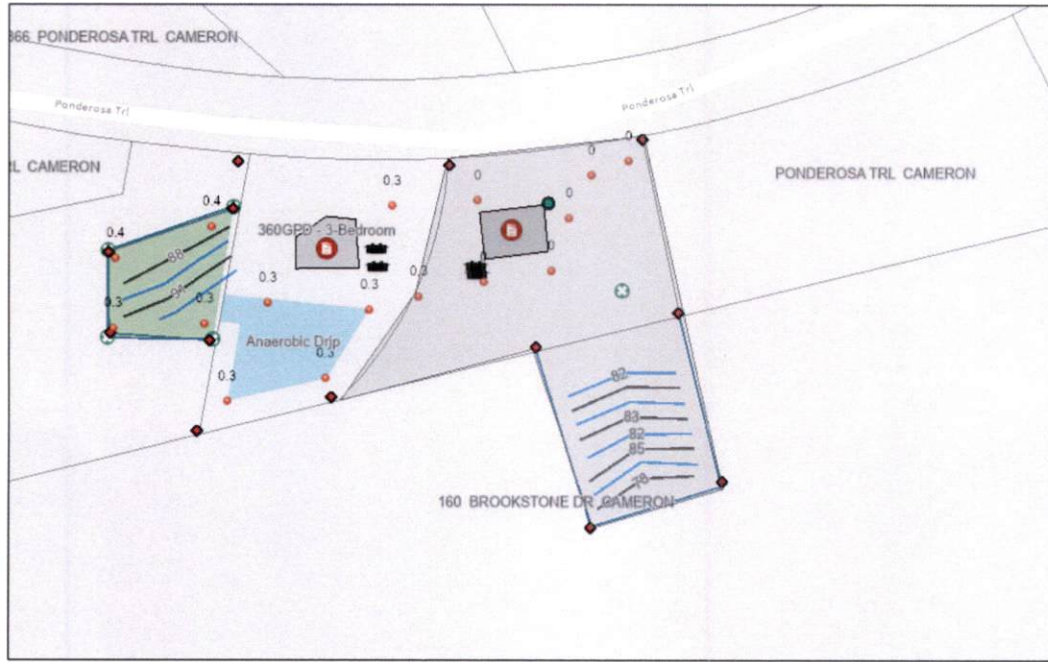
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279 Ponderosa Trail Soil Evaluation Report

Area of Interest (AOI) Information

Jul 1 2024 9:41:42 Central Standard Time



System Description

#	GPD	Initial System Type	Initial LTAR	Initial Line Length	Max Depth Initial	Distribution Method	Pump Tank Capacity	Septic Tank Capacity
1	360GPD	Accepted	.3	300'	18"	Parallel or Serial	1,000 Gallon	1,000 Gallon

#	Repair System Type	Repair System LTAR	Repair Line Length	Max Depth Repair	System Description	Count
1	Accepted	.3	300'	18"	N/A	1

Borings

#	Boring_Typ	H1_Depth	H1_Mineral	H1_Moist_C	H1_Plastic	H1_Stickin	H1_Structu	H1_Texture
1	Low Profile	14	Non Expansive	Loose	Non Plastic	Non Sticky	Gr	Loamy Sand
2	Out	0	N/A	N/A	N/A	N/A	N/A	N/A
3	Out	0	N/A	N/A	N/A	N/A	N/A	N/A
4	Out	4	Slightly Expansive	Loose	Non Plastic	Non Sticky	Gr	Sandy Loam
5	Out	4	Slightly Expansive	Loose	Non Plastic	Non Sticky	Gr	Sandy Loam
6	Out	0	N/A	N/A	N/A	N/A	N/A	N/A
7	Out	0	N/A	N/A	N/A	N/A	N/A	N/A

#	H2_Depth	H2_Mineral	H2_Moist_C	H2_Plastic	H2_Stickin	H2_Structu	H2_Texture	H3_Depth
1	22.00	Slightly Expansive	Friable	Plastic	Sticky	SBK	Sandy Clay	0
2	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0
3	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0
4	8.00	Slightly Expansive	Friable	Plastic	Sticky	SBK	SC Loam	12
5	8.00	Slightly Expansive	Friable	Plastic	Sticky	SBK	SC Loam	12
6	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0
7	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0

#	H3_Mineral	H3_Moist_C	H3_Plastic	H3_Stickin	H3_Structu	H3_Texture	H4_Depth	H4_Mineral
1	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A
2	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A
3	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A
4	Expansive	Friable	Very Plastic	Very Sticky	Massive	Clay	0	N/A
5	Expansive	Friable	Very Plastic	Very Sticky	Massive	Clay	0	N/A
6	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A
7	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A

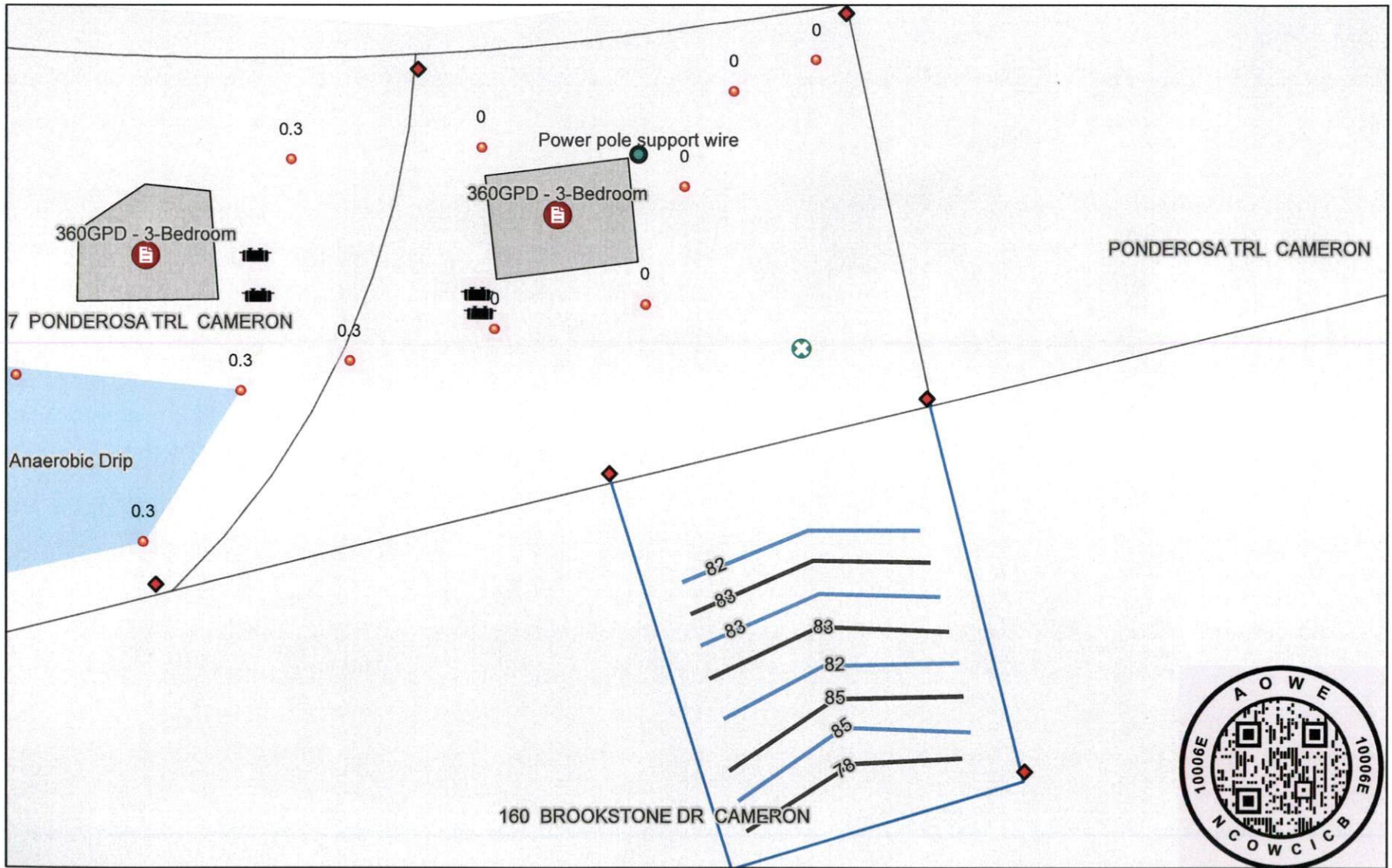
#	H4_Moist_C	H4_Plastic	H4_Stickin	H4_Structu	H4_Texture	Landscape_	LTAR	Notes
1	N/A	N/A	N/A	N/A	N/A	Linear	0.30	N/A
2	N/A	N/A	N/A	N/A	N/A	Linear	0.00	N/A
3	N/A	N/A	N/A	N/A	N/A	Linear	0.00	24" fill over wet
4	N/A	N/A	N/A	N/A	N/A	Linear	0.00	N/A
5	N/A	N/A	N/A	N/A	N/A	Linear	0.00	N/A
6	N/A	N/A	N/A	N/A	N/A	Linear	0.00	30" fill over wet
7	N/A	N/A	N/A	N/A	N/A	Linear	0.00	N/A

#	Saprolite	Slope	Soil_Wetne	Usable_Dep	Count
1	No	5-8	22	22	1
2	No	2-5	N/A	0	1
3	No	2-5	N/A	0	1
4	No	5-8	N/A	8	1
5	No	5-8	N/A	8	1
6	No	2-5	N/A	0	1
7	No	5-8	N/A	0	1

Points

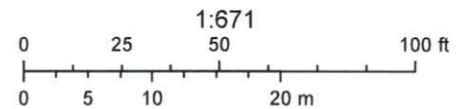
#	Point_Type	Point_Desc	Count
1	Bad Topo	N/A	1
2	Point Generic	Power pole support wire	1
3	Existing Septic Tank	N/A	1
4	Existing Pump Tank	N/A	1
5	EIP	N/A	2

All ratings and determinations were done in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18E. This report does not guarantee or represent approval or issuance of permits by the local health department. This report only represents my opinion as a licensed soil scientist.



7/1/2024, 10:44:26 AM

- | | | | | |
|-------------|----------------|--------------------------|----------------------|--------------------|
| Leach Lines | Repair Area | Borings | Bad Topo | Existing Pump Tank |
| White | Anaerobic Drip | Points | Existing Septic Tank | System Description |
| Blue | Line Generic | Property Boundary Marker | House Box | |
| Parcels | Point Generic | | | |



Esri Community Maps Contributors, Lee County NC, Moore County GIS (NC), State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri,

Marlin Wastewater Services

This dataset was transformed by the Project Team and Vendor Team for the NC Integrated Cadastral Data Exchange Project, funded by US EPA Environmental Information Exchange Network. Source datasets were furnished by data managers in North Carolina

Signature Certificate

Reference number: NHS8U-DPCUB-VGC9W-FS8SW

Signer	Timestamp	Signature
David O'Connell Email: mroceanfront@yahoo.com		
Sent:	01 Jul 2024 17:04:21 UTC	
Viewed:	01 Jul 2024 17:31:36 UTC	
Signed:	01 Jul 2024 17:32:06 UTC	
Recipient Verification:		IP address: 159.117.177.189
✓Email verified	01 Jul 2024 17:31:36 UTC	Location: North Myrtle Beach, United States

Document completed by all parties on:
01 Jul 2024 17:32:06 UTC

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