



AOWE/COVID Permit Requirements

- Pre-construction conference with septic contractor required before beginning installation. The system must be installed/repared by a septic system contractor approved by the AOWE/Marlin Wastewater Services.
- It is the responsibility of the contractor to call Marlin Wastewater Services to schedule the installation inspections at least 2 days prior to installation. Inspections will take place Monday through Friday. Do not begin installation until an inspection appointment is confirmed. Systems shall not be installed in wet conditions or the AOWE permit will be revoked.
- Any changes to the proposed plans must be approved by the AOWE.
- Do not allow any traffic, construction, excavation, utilities, material storage, or any other disturbance to take place on the designated septic area or repair area. These activities may void your permit.
- The client/owner is responsible for marking any property lines and corners.
- The contractor is responsible for ensuring that the septic system is installed in the proper location and that all setbacks are met. See NCAC 18A . 1950 for setback requirements. The contractor is responsible for ensuring that the septic system is installed in accordance with local rules in counties where this is applicable.
- The system installation must be inspected by the AOWE at certain stages during the installation.
- For systems with pumps, the contractor is responsible for insuring the proper installation of the electrical components. An electrical permit must be obtained and a person with a valid NC Electrical license must provide electrical service to the pump controller and alarm.
- This NOI/AOWE/COVID Permit shall become invalid and/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 functionality or future performance.
- The contractor is responsible for backfilling the system components so that no areas are subject to the retention or ponding of surface water. After the installation is completed, some settling of the backfill material may take place. The system owner is responsible for eliminating settled or sunken areas, stabilization, and final landscaping of the ground surface. No heavy equipment or vehicular traffic over the leach field.
- Installer to re-establish field layout prior to pre-construction conference for initial and repair.
- Tanks must be leak tested by the manufacturer.


Additional Requirements:

Maintenance Requirements:

System should be maintained in accordance with NCAC 18A .1961 -

The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

Owner/Client Acknowledgement of Permit Requirements


Owner Signature

May 18 2022
Date

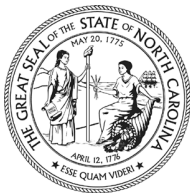


Contractor Acknowledgement of Permit Requirements

I, _____ (Contractor) agree to install the system in accordance with all applicable laws, rules and conditions of this NOI.

Contractor Signature

Date



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
MANDY COHEN, MD, MPH • Secretary
MARK T. BENTON • Assistant Secretary for Public Health
Division of Public Health

COMMON FORM FOR LICENSED SOIL SCIENTIST COVID-19 PERMIT OPTION FOR NON-ENGINEERED SYSTEMS
See Instructions for Use in Appendix A

Except for "Date received", this Section to be completed by the LSS in accordance with S.L. 2020-3, Section 4.18 and G.S. 130A-336.2

LHD USE ONLY: Initial submittal of this NOI received: _____ by _____
Date Initials

PART 1: Notice of Intent to Construct (NOI)

New Expansion
 Repair – LHD Permit Number N/A Repair – EOP/LSS Permit Number _____

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.): _____
Jennifer and Robert Evans — Managing Members, Golden Bear Ranch LLC

Mailing address: 516 East Franklin Street City: Chapel Hill State: NC Zip: 27514

Telephone number: 6504501089 E-mail Address: jenevans.unc@gmail.com

2. Licensed Soil Scientist (LSS) name: Thomas Boyce LSS License number: 1241

Mailing address: PO Box 81 City: Pittsboro State: NC Zip: 27312

Telephone number: 9102951899 E-mail Address: info@marlinw.com

3. Licensed Geologist (LG) (if applicable) name: N/A License Number: N/A

Mailing address: N/A City: N/A State: N/A Zip: N/A

Telephone number: N/A E-mail Address: N/A

4. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached that includes the name of the insurer, name of the insured and the effective dates of coverage:

LSS LG

5. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): Parcel ID: 0612-80-8284 (Deed attached)

County Name: Harnett

6. Type of facility: Place of residence No. Bedrooms: 5 No. Occupants: Max 10

Place of business Basis for flow calculation: _____

Place of public assembly Basis for flow calculation: _____

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5605 Six Forks Road, Raleigh, NC 27609
MAILING ADDRESS: 1642 Mail Service Center, Raleigh, NC 27699-1642
www.ncdhhs.gov • TEL: 919-707-5854 • FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

7. Factors that would affect the wastewater load: N/A

8. Type, location, and classification (per Rule .1961) of wastewater system: III(b)(g)

9. Design wastewater flow: 600 gpd

Design wastewater strength: domestic high strength industrial process (For high strength and industrial process wastewater, a Professional Engineer licensed in accordance with G.S. 89C shall design the on-site wastewater system.)

10. A plat as defined in G.S. 130A-334(7a) is attached: Yes No

A site plan as defined in G.S. 130A-334(13a) is attached: Yes No

In accordance with G.S. 130A-335(f), an LSS COVID-19 Permit with a plat is valid without expiration and an LSS COVID-19 Permit with a site plan is valid for five years.

11. Owner meets requirements of ownership or control of the system per 15A NCAC 18A .1938(j): Yes No

12. Easement, right of way or encroachment agreement required per 15A NCAC 18A .1938(j): Yes No

If yes, documentation filed in _____ County Register of Deeds in Deed book _____ Page _____

13. Multi-party agreements required, as applicable, pursuant to 15A NCAC 18A .1937(h): Yes No

If yes, agreements filed in _____ County Register of Deeds in Deed book _____ Page _____

14. Location of proposed or existing wells (drinking water, irrigation, geothermal, groundwater monitoring, sampling, etc.) and any potable and non-potable water conveyance lines is indicated on attached plans and complies with 15A NCAC 18A .1950: Yes No

This is a saprolite system. Yes No

15. Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a LSS is attached: Yes No

16. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA

17. Proposed landscape, site, drainage, or soil modifications are attached: Yes NA

Attestation by LSS pursuant to S.L. 2020-3, Section 4.18 and G.S. 130A-336.2

I, Thomas Boyce hereby attest that the information required to be included with
Licensed Soil Scientist (Print Name)

this Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed system shall meet applicable federal, State, and local laws, regulations, rules and ordinances, and that the proposed system does not require a Professional Engineer, licensed in accordance with G.S. 89C, and in accordance with 15A NCAC 18A .1938 and activities determined to be engineering as determined by the North Carolina Board of Examiners for Engineers and Surveyors."


Signature of Licensed Soil Scientist

6/2/22
Date

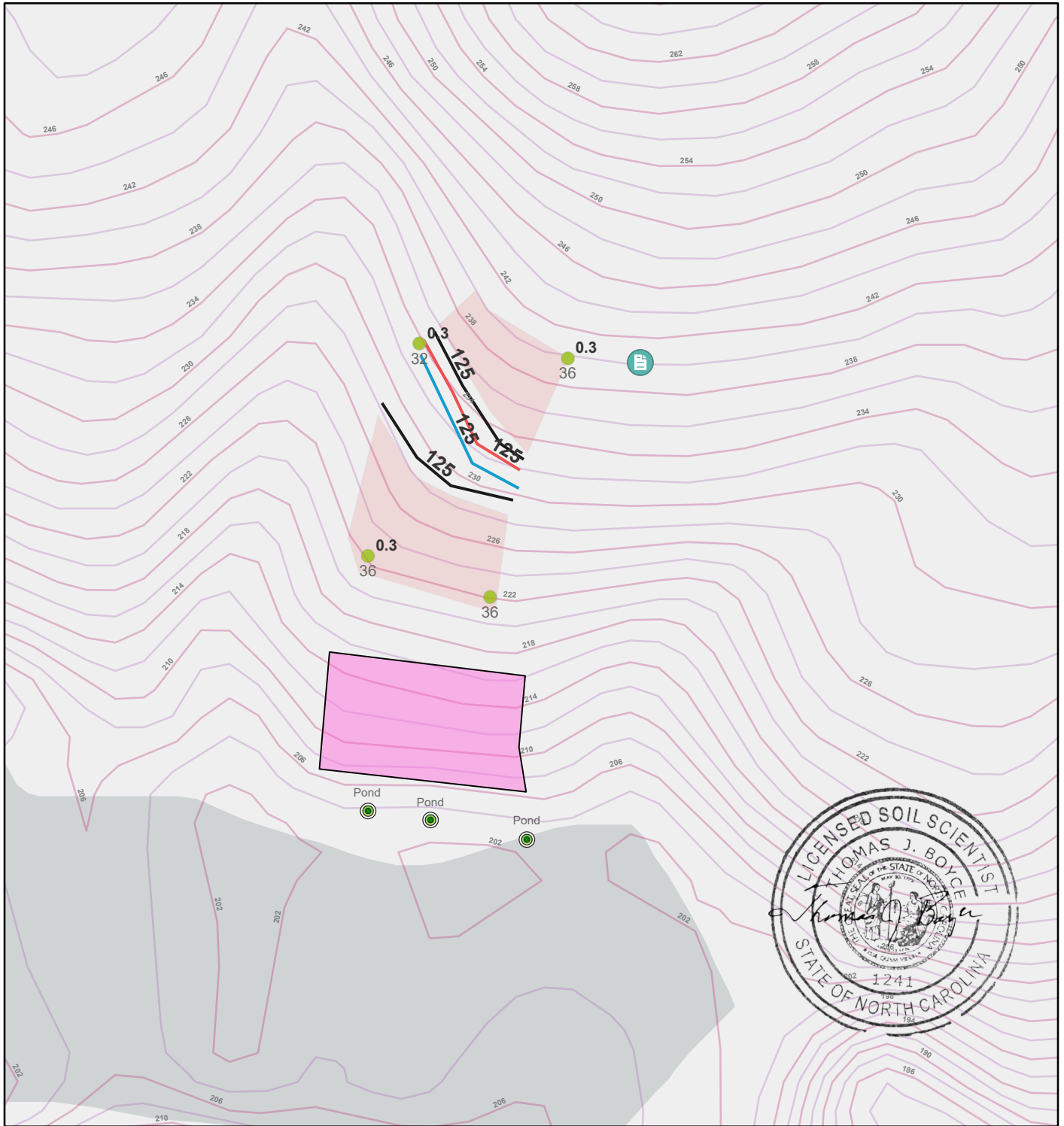
NOTES:

LIABILITY: The Department, the Department's authorized agents, or local health departments shall have no liability for wastewater systems designed, constructed, and installed pursuant to an LSS COVID-19 Permit Option [S.L. 2020-3, Section 4.18(d) and G.S. 130A-336.2]

*RIGHT OF ENTRY: The submittal of this **Notice of Intent to Construct** grants right of entry to the Local Health Department and the State to the referenced property.*














ISSUANCE OF BUILDING PERMIT: Once the LHD deems that the Notice of Intent to Construct is complete via signature in the section below, the owner may apply to the local permitting agency for a permit for electrical, plumbing, heating, air conditioning or other construction, location or relocation activity under any provision of general or special law pursuant to G.S. 130A-338.

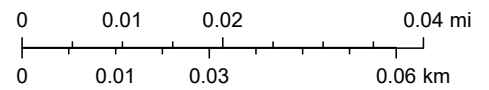
90.43 STEVEN F KUEKES MAP#2003-969



6/13/2022

1:1,445

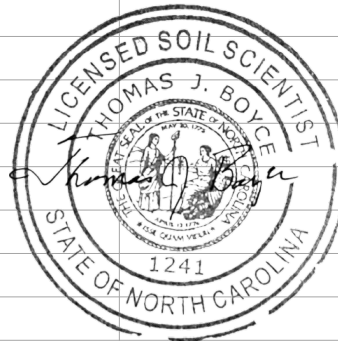
- | | | | |
|---|---|---|-----------------|
|  | North Carolina Parcels (Polygons) - Parcels |  | Leach Lines |
|  | Contours: 2' Interval - BaseContour2feet |  | Red |
|  | PSC - Borings |  | White |
|  | Conventional |  | Blue |
|  | PSC - Points |  | Repair Area |
|  | Point Generic | | Accepted |
|  | System Description | | Harnett Contour |
|  | Building Envelope | | |



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Jennifer Evans - Soil Evaluation

Long	-78.94108315424480	-78.9409621475828	-78.94061443399080	-78.9407965799911
Lat	35.452717280506700	35.45312351312790	35.453095979228900	35.45263792007600
Boring_Type	Conventional	Conventional	Conventional	Conventional
Slope	5-8	5-8	5-8	5-8
Landscape_Position	Linear	Linear	Linear	Linear
LTAR	0.3	0.3	0.3	0.3
Saprolite	No	Yes	No	No
Soil_Wetness	N/A	N/A	N/A	N/A
H1_Depth	10	8	6	6
H1_Texture	Sandy Loam	Sandy Loam	Sandy Loam	Sandy Loam
H1_Moist_Consistency	Loose	Loose	Loose	Loose
H1_Structure	SBK	Gr	Gr	SBK
H1_Mineralogy	Slightly Expansive	Slightly Expansive	Slightly Expansive	Slightly Expansive
H1_Stickiness	Slightly Sticky	Slightly Sticky	Slightly Sticky	Slightly Sticky
H1_Plasticity	Slightly Plastic	Slightly Plastic	Slightly Plastic	Slightly Plastic
Add_Horizon_2	Yes	Yes	Yes	Yes
H2_Texture	Clay	Clay	Clay	Clay
H2_Moist_Consistency	Friable	Friable	Friable	Friable
H2_Depth	36.0	32.0	36.0	36.0
H2_Structure	SBK	SBK	SBK	SBK
H2_Mineralogy	Slightly Expansive	Slightly Expansive	Slightly Expansive	Slightly Expansive
H2_Stickiness	Sticky	Sticky	Sticky	Sticky
H2_Plasticity	Plastic	Plastic	Plastic	Plastic
Usable_Depth	36	32	36	36
Septic_Tank_Capacity	1,500 Gallon			
Pump_Tank_Capacity	1,500 Gallon			
Initial_System_Type	Accepted			
Line_Length_Initial	500'			
Max_Depth_Initial	20"			
Repair_System_Type	Accepted			
Line_Length_Repair	500'			
Max_Depth_Repair	20"			
Distribution_Method	Parallel or Serial			
Initial_LTAR	0.3			
Repair_LTAR	0.3			
GPD	600GPD			



15A NCAC 18A .1950 LOCATION OF SANITARY SEWAGE SYSTEMS

(a) Every sanitary sewage treatment and disposal system shall be located at least the minimum horizontal distance from the following:

- | | | |
|-------|---|---------------------------------------|
| (1) | Any private water supply source, including any well or spring | 100 feet; |
| (2) | Any public water supply source | 100 feet; |
| (3) | Streams classified as WS-I | 100 feet; |
| (4) | Waters classified as S.A. | 100 feet, from mean high water mark; |
| (5) | Other coastal waters | 50 feet, from mean high water mark; |
| (6) | Any other stream, canal, marsh, or other surface waters | 50 feet; |
| (7) | Any Class I or Class II reservoir | 100 feet, from normal pool elevation; |
| (8) | Any permanent storm water retention pond | 50 feet, from flood pool elevation; |
| (9) | Any other lake or pond | 50 feet, from normal pool elevation; |
| (10) | Any building foundation | 5 feet; |
| (11) | Any basement | 15 feet; |
| (12) | Any property line | 10 feet; |
| (13) | Top of slope of embankments or cuts of 2 feet or more vertical height | 15 feet; |
| (14) | Any water line | 10 feet; |
| (15) | Drainage Systems: | |
| (A) | Interceptor drains, foundation drains, and storm water diversions | |
| (i) | upslope | 10 feet, |
| (ii) | sideslope | 15 feet, and |
| (iii) | downslope | 25 feet; |
| (B) | Groundwater lowering ditches and devices | 25 feet; |
| (16) | Any swimming pool | 15 feet; |
| (17) | Any other nitrification field (except repair area) | 20 feet; |

(b) Ground absorption sewage treatment and disposal systems may be located closer than 100 feet from a private water supply, except springs and uncased wells located downslope and used as a source of drinking water, for repairs, space limitations, and other site-planning considerations but shall be located the maximum feasible distance and in no case less than 50 feet.

(c) Nitrification fields and repair areas shall not be located under paved areas or areas subject to vehicular traffic. If effluent is to be conveyed under areas subject to vehicular traffic, ductile iron or its equivalent pipe shall be used. However, pipe specified in Rule .1955 (e) may be used if a minimum of 30 inches of compacted cover is provided over the pipe.

(d) In addition to the requirements of Paragraph (a) of this Rule, sites to be used for subsurface disposal for design units with flows over 3,000 gallons per day, as determined in Rule .1949 (a) or (b) of this Section, which include one or more nitrification fields with individual capacities of greater than 1,500 gallons per day, shall be located at least the minimum horizontal distance from the following:

- | | | |
|-----|---|--------------------------------------|
| (1) | Any Class I or II reservoir or any public water supply source utilizing a shallow (under 50 feet) groundwater aquifer | 500 feet; |
| (2) | Any other public water supply source, unless determined to utilize a confined aquifer | 200 feet; |
| (3) | Any private water supply source, unless determined to utilize a confined aquifer | 100 feet; |
| (4) | Waters classified as SA | 200 feet, from mean high water mark; |
| (5) | Any waters classified as WS-I | 200 feet; |
| (6) | Any surface waters classified as WS-II, WS-III, B, or SB | 100 feet; and |

- (7) Any property line 25 feet.
- (e) Collection sewers, force mains, and supply lines shall be located at least the minimum horizontal distance from the following:
- (1) Any public water supply source, including wells, springs, and Class I or Class II reservoirs 100 feet, unless constructed of leakproof pipe, such as ductile iron pipe with mechanical joints equivalent to water main standards, in which case the minimum setback may be reduced to 50 feet;
 - (2) Any private water supply source, including wells and springs 50 feet, unless constructed of similar leakproof pipe, such as ductile iron pipe with mechanical joints equivalent to water main standards, in which case the minimum setback may be reduced to 25 feet;
 - (3) Any waters classified as WS-I, WS-II, WS-III, B, SA, or SB 50 feet, unless constructed of similar leakproof pipe, such as ductile iron pipe with mechanical joints equivalent to water main standards, in which case the minimum setback may be reduced to 10 feet;
 - (4) Any other stream, canal, marsh, coastal waters, lakes and other impoundments, or other surface waters 10 feet;
 - (5) Any basement 10 feet;
 - (6) Any property line 5 feet;
 - (7) Top of slope of embankments or cuts of two feet or more vertical height 10 feet;
 - (8) Drainage Systems:
 - (A) Interceptor drains, storm drains, and storm water diversions 5 feet;
 - (B) Ground-water lowering ditches and devices 10 feet;
 - (9) Any swimming pool 10 feet;
 - (10) Any other nitrification field 5 feet.
- (f) Sewer lines may cross a water line if 18 inches clear separation distance is maintained, with the sewer line passing under the water line. When conditions prevent an 18-inch clear separation from being maintained or whenever it is necessary for the water line to cross under the sewer, the sewer line shall be constructed of ductile iron pipe or its equivalent and the water line shall be constructed of ferrous materials equivalent to water main standards for a distance of at least ten feet on each side of the point of crossing, with full sections of pipe centered at the point of crossing.
- (g) Sewer lines may cross a storm drain if:
- (1) 12 inches clear separation distance is maintained; or
 - (2) the sewer is of ductile iron pipe or encased in concrete or ductile iron pipe for at least five feet on either side of the crossing.
- (h) Sewer lines may cross a stream if at least three feet of stable cover can be maintained or the sewer line is of ductile iron pipe or encased in concrete or ductile iron pipe for at least ten feet on either side of the crossing and protected against the normal range of high and low water conditions, including the 100-year flood/wave action. Aerial crossings shall be by ductile iron pipe with mechanical joints or steel pipe. Pipe shall be anchored for at least ten feet on either side of the crossing.

(i) Septic tanks, lift stations, wastewater treatment plants, sand filters, and other pretreatment systems shall not be located in areas subject to frequent flooding (areas inundated at a ten-year or less frequency) unless designed and installed to be watertight and to remain operable during a ten-year storm. Mechanical or electrical components of treatment systems shall be above the 100-year flood level or otherwise protected against a 100-year flood.

*History Note: Authority G.S. 130A-335(e) and (f);
Eff. July 1, 1982;
Amended Eff. January 1, 1990; October 1, 1982.*



PROFESSIONAL LIABILITY INSURANCE DECLARATIONS

Claims Made and Reported Coverage: The coverage afforded by this policy is limited to liability for only those Claims that are first made against the Insured during the Policy Period or the Extended Reporting Period, if exercised, and reported to Markel Insurance Company during the Policy Period or the Extended Reporting Period, if exercised, or within 60 days after the expiration of the Policy Period or the Extended Reporting Period, if exercised.

Notice: This policy contains provisions that reduce the Limits of Liability stated in the policy by the costs of legal defense and permit legal defense costs to be applied against the deductible, unless the policy is amended by endorsement. Please read the policy carefully.

POLICY NUMBER: MEO1522-03

RENEWAL OF POLICY: MEO1522-02

NAMED INSURED: Thomas Boyce

BUSINESS ADDRESS: 2560 Silk Oak Rd Siler City, NC 27344

POLICY PERIOD: From 10/15/2021 to 10/15/2022

12:01 A.M. Standard Time at address of Insured stated above.

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL THE TERMS OF THIS POLICY, THE COMPANY AGREES WITH THE NAMED INSURED TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

- 1. PROFESSIONAL SERVICES: soil scientist
2. LIMITS OF LIABILITY

Professional Liability Coverage

- A. Each Claim: \$1,000,000
B. Policy Aggregate: \$1,000,000

Additional Payments

- A. Contingent Bodily Injury And Property Damage \$0
B. Pollution \$10,000
C. Pre-Claim Assistance Expenses \$20,000
D. Sexual Abuse \$10,000
E. Third Party Discrimination \$25,000

Supplementary Payments

- A. Disciplinary Proceeding \$25,000 per Policy Period
B. Loss Of Earnings And Expense Reimbursement \$10,000
C. Public Relations Expenses \$5,000
D. Subpoena And Record Request Assistance \$5,000

Table with 1 column: Producer Number, Name and Mailing Address. Row 1: 98496, Wade Associates, LLC. - New Bern, PO Box 1209, Davidson, NC, 28036

3. DEDUCTIBLE

- A. Each Claim: \$1,000
- B. Aggregate: \$3,000

4. RETROACTIVE DATE: 10/15/2019

5. PREMIUM RATE: Flat **PREMIUM BASE:** \$15,000

6. PREMIUM FOR POLICY PERIOD


- Minimum: \$400.00
- Deposit: \$400.00
- Adjusted Annual Premium: \$400.00

7. PREMIUM PERCENTAGE FOR EXTENDED REPORTING PERIOD: 200%; 225%; 250%; 275%; 300% or 350%, of the total annual premium, respectively
ADDITIONAL PERIOD: 12 months; 24 months; 36 months; 48 months; 60 months; 72 months

8. FORMS AND ENDORSEMENTS ATTACHED AT POLICY INCEPTION:

See MDIL 1001 attached.

These declarations, together with the Coverage Form and any Endorsement(s), complete the above numbered policy.

Countersigned: 07/19/2021 (Date)	By:  _____ Authorized Representative Signature
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