



CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)/SL2022-11

County: Harnett

PIN/Lot Identifier: 0576-91-1720.000 / 120576 0021 29

Issued To: Jaquavius Cameron

Property Location: 124 Woods Edge Ln. Erwin NC 28339

AOWE/PE Plans/Evaluations Provided: Yes No If yes, name and license number of AOWE/PE: Thomas Boyce, 10006E

Facility Type: Single Family Home

New Expansion Repair System Relocation

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** III(g) (Initial) III(g) (Repair)

Design Daily Flow: 360 GPD Wastewater Strength: domestic high strength industrial process

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? Yes No

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 150 feet Trench/Bed Spacing: 9 feet on center

Drainfield square footage: 450 Trench/Bed Width: 36 inches LTAR: .6 gpd/ft²

Soil Cover: 6"+ inches Slope Adjusted Maximum Trench/Bed Depth: 24" inches

Aggregate Depth: N/A inches above pipe N/A inches below pipe N/A inches total

Pump Tank Size (if applicable): 1,000 if needed gallons Requires more than 1 pump? Yes No

Pump Requirements: TBD ft. TDH vs. TBD GPM Grease Trap Size (if applicable): N/A gallons

Distribution Method: Serial D-Box or Parallel Pressure Manifold(s) LPP Other: _____

Artificial Drainage Required: Yes No If yes, please specify details: _____

Legal Agreements (If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)

Multi-party Agreement Required [.1937(h)]: Yes No

Easement, Right-of-Way, or Encroachment Agreement Required [.1938(j)]: Yes No

Declaration of Restrictive Covenants: Yes No

****If applicable:**
I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.
Owner/Legal Representative Print Name: Jaquavius Cameron
Owner/Legal Representative Signature: Jaquavius Cameron Date: 07 / 28 / 2022

Pre-Construction Conference Required: Yes No

Conditions: See attached permit conditions.

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

AOWE/PE Print Name: Thomas Boyce

AOWE/PE Signature: Thomas J Boyce Date: 7/28/22

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

See attached site sketch

County: _____

This Section for Local Health Department Use Only

Initial submittal received: _____ by _____
Date Initials

Permit Number: _____

G.S. 130A-335(a6) states the following: *'If a local health department fails to act on an application for a construction authorization submitted pursuant to subsection (a5) of the section within 10 business days of receipt of a complete application, the local health department shall issue the construction authorization.'*

In accordance with G.S. 130A-335(a5) the construction authorization application is:

Incomplete (If box is checked, information in this section is required.)

The following items are missing: _____

Copies of this were sent to the AOWE/PE and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

Denied (See attached report.)

Copies of this were sent to the AOWE/PE and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

Complete

State Authorized Agent: _____ Date of Issuance: _____

This Construction Authorization is issued pursuant to G.S. 130A-335(a2), (a5), and (a6) using the signed and sealed plans or evaluations attached here. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner. Final landscaping shall be constructed to divert water and establish vegetative cover.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to plans, evaluations, preconstruction conference findings, submittals, or actions from a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator in GS 130A-335(a2), (a5), and (a7). The Department, the Department's authorized agents, and the local health departments shall be responsible and bear liability for their actions and evaluations and other obligations under State law or rule, including the issuance of the operations permit pursuant to GS 130A-337.

Construction Authorization Expiration Date: _____

See attached site sketch

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 0576-91-1720.000 / 120576 0021 29

Issued To: Jaquavius Cameron

Property Location: 124 Woods Edge Ln. Erwin NC 28339

Subdivision: _____ Lot #: _____ Block: _____ Section: _____

LSS Report Provided: Yes No

If yes, name and license number of LSS: Thomas Boyce, 1241

New Repair Expansion System Relocation

Proposed Structure: Single Family Home

Proposed Wastewater System Type: III(g) (Initial) III(g) (Repair)

Fill System: Yes No If yes, specify: New Existing (when adding more than 6 inches of fill to system area please provide a fill plan)

Proposed Design Daily Flow: 360 GPD Proposed LTAR (Initial): .6 Proposed LTAR (Repair): .6

Design Wastewater Strength: domestic high strength industrial process

Number of bedrooms: 3 Number of Occupants: Max 6 Other: _____

Pump Required: Yes No May be required based upon final location and elevations of facilities

Artificial Drainage Required: Yes No If yes, please specify details: _____

Type of Water Supply: Private well Public well Municipal Supply Spring Other: _____

Drainfield location meets requirements of Rule .1945: Yes No

Drainfield location meets requirements of Rule .1950: Yes No

Permit valid for: Five years [site plan submitted pursuant to GS 130A-334(13a)] No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

See attached permit conditions.

Licensed Soil Scientist Print Name: Thomas Boyce

Licensed Soil Scientist Signature: *Thomas J Boyce* Date: 7/28/22

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

County: _____

This Section for Local Health Department Use Only

Initial submittal received: _____ by _____
Date Initials

Permit Number: _____

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

Incomplete (If box is checked, information in this section is required.)

The following items are missing:

Copies of this were sent to the LSS and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

Complete

State Authorized Agent: _____ Date of Issuance: _____

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: _____

See attached site sketch

124 Woods Edge Borings

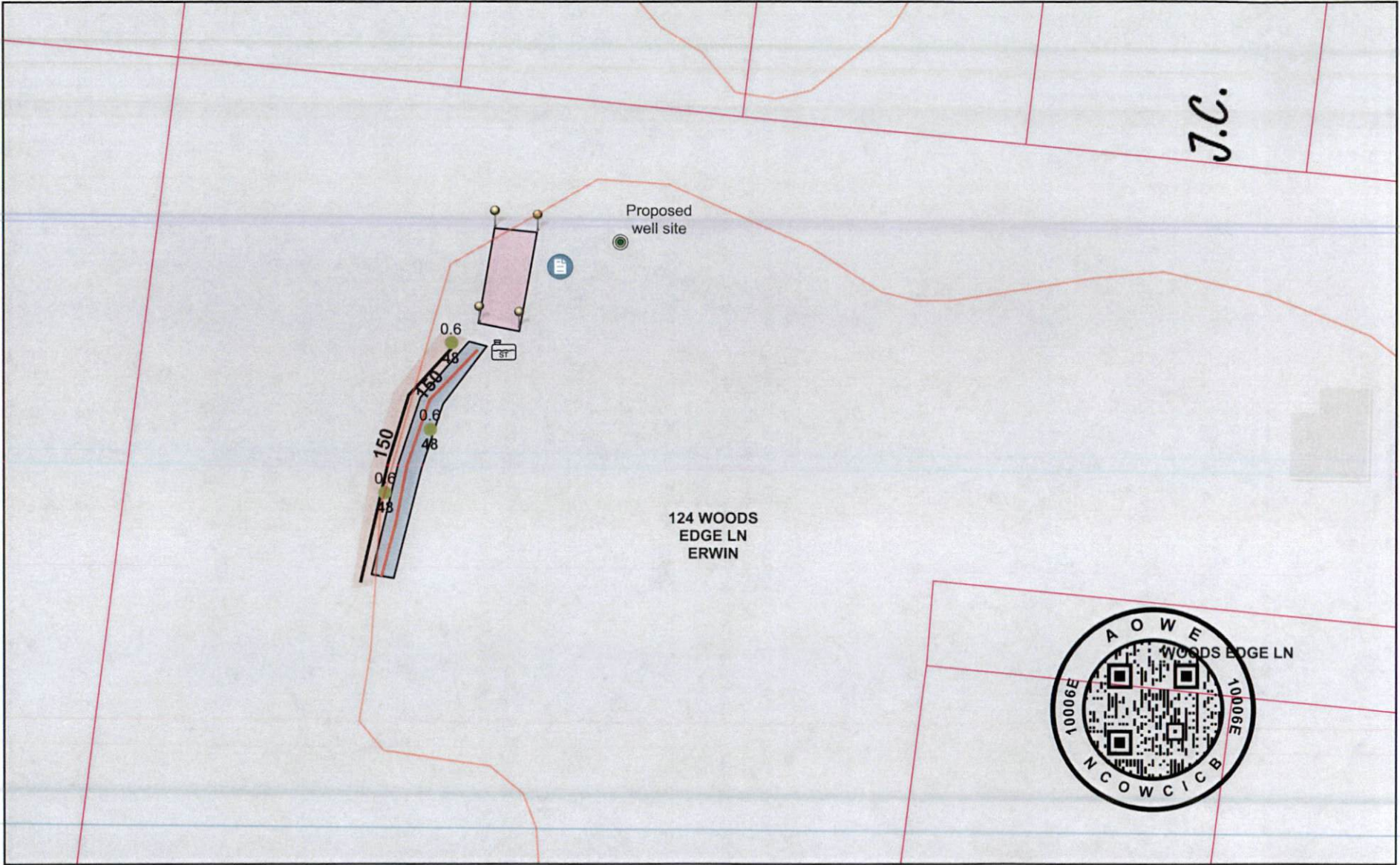
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Lat	35.29349103732610	35.29325815111840	35.293356432719700
Boring_Type	Conventional	Conventional	Conventional
Slope	2-5	2-5	2-5
Landscape_Position	Linear	Linear	Linear
LTAR	0.6	0.6	0.6
Saprolite	No	No	No
Soil_Wetness	N/A	N/A	N/A
H1_Depth	48	48	48
H1_Texture	Sandy Loam	Sandy Loam	Sandy Loam
H1_Moist_Consistency	Loose	Loose	Loose
H1_Structure	Gr	Gr	Gr
H1_Mineralogy	Slightly Expansive	Slightly Expansive	Slightly Expansive
H1_Stickiness	Non Sticky	Slightly Sticky	Non Sticky
H1_Plasticity	Non Plastic	Slightly Plastic	Non Plastic
Usable_Depth	48	48	48

Septic_Tank_Capacity	1,000 Gallon
Pump_Tank_Capacity	
Initial_System_Type	Accepted
Line_Length_Initial	150'
Max_Depth_Initial	24
Repair_System_Type	Accepted
Line_Length_Repair	150'
Max_Depth_Repair	24
Distribution_Method	Parallel or Serial
Initial_LTAR	0.6
Repair_LTAR	0.6
GPD	360GPD - 3-Bedroom



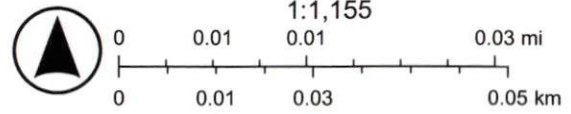
J.C.

124 Woods Edge Ln 2022



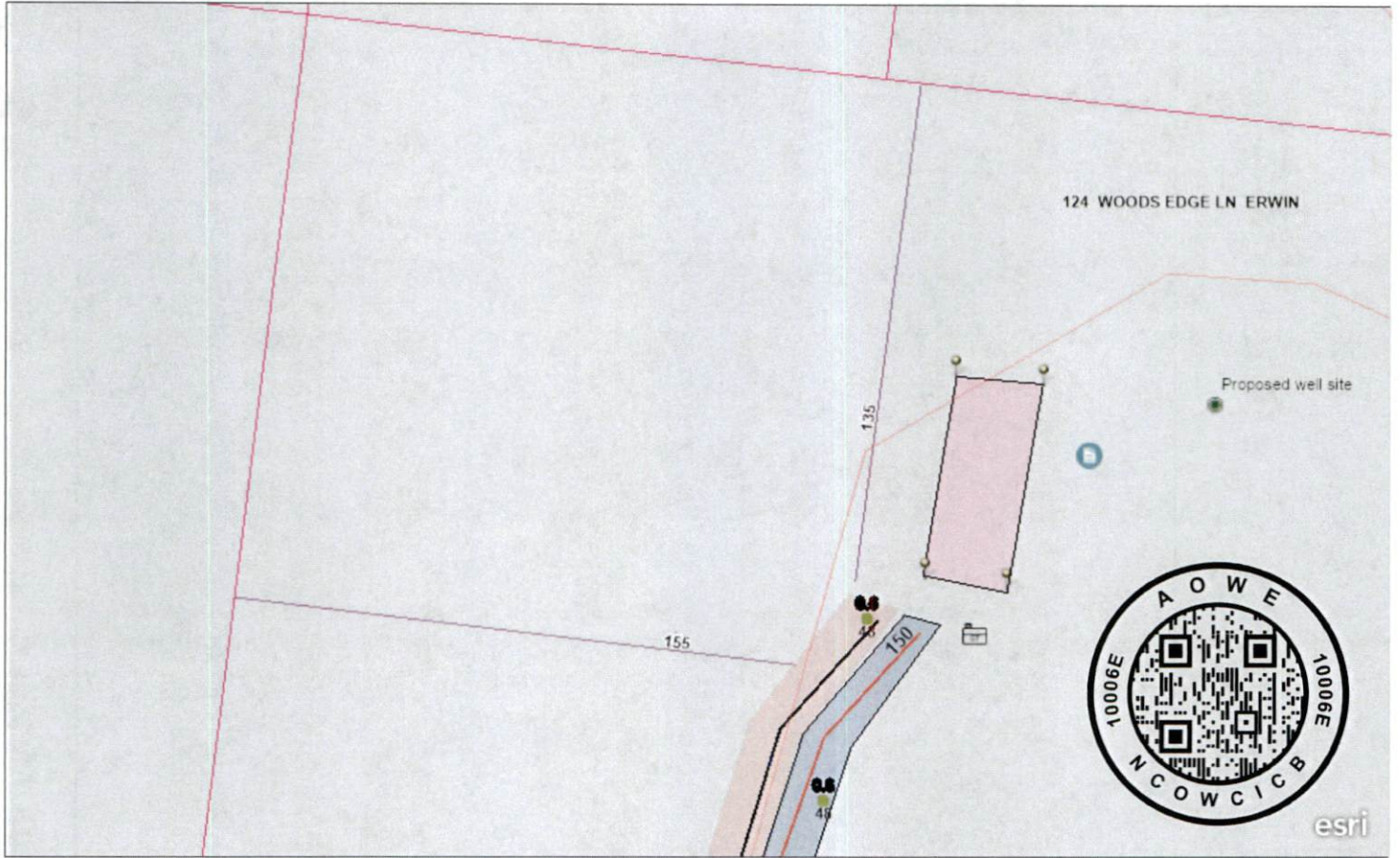
7/28/2022

- North Carolina Parcels (Polygons) - Parcels
- Contours: 2' Interval - BaseContour2feet
- PSC - Points
- Corner
- Existing Septic Tank
- Point Generic
- PSC - Borings
- Conventional
- Leach Lines
- Red
- White
- Initial Area
- Repair Area
- Accepted



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124 Woods Edge Ln. 2022



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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

Producer Number, Name and Mailing Address
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

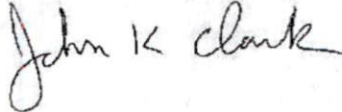
Minimum: \$400.00
Deposit: \$400.00
Adjusted Annual Premium: \$400.00

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	By:  _____ Authorized Representative Signature
(Date)	

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.*

Signature Certificate

Reference number: MVHPV-RXW5Z-UEKNW-IR4VH

Signer

Timestamp

Signature

Jaquavius Cameron

Email: jaycame12@gmail.com

Sent:

28 Jul 2022 13:46:30 UTC

Viewed:

28 Jul 2022 14:47:21 UTC

Signed:

28 Jul 2022 14:50:38 UTC

Jaquavius Cameron

Recipient Verification:

✓Email verified

28 Jul 2022 14:47:21 UTC

IP address: 166.205.218.62

Document completed by all parties on:

28 Jul 2022 14:50:38 UTC

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