



NC DEPARTMENT OF  
**HEALTH AND  
HUMAN SERVICES**

ROY COOPER • Governor  
KODY H. KINSLEY • Secretary  
HELEN WOLSTENHOLME • Interim Deputy Secretary for Health  
MARK T. BENTON • Assistant Secretary for Public Health  
Division of Public Health

**COMMON FORM FOR AUTHORIZED ON-SITE WASTEWATER EVALUATOR PERMIT OPTION  
FOR NON-ENGINEERED SYSTEMS**

See Instructions for Use in Appendix A

Except for "Date received", this Section to be completed by the AOWE in accordance with G.S. 130A-336.2

LHD USE ONLY: Initial submittal of this NOI received: 6-7-23 by Jm  
Date Initials

**PART 1: Notice of Intent to Construct (NOI) - Please check all that apply**

Single System or  Multiple Systems

AND

New  Expansion  Relocation of all or part of the Existing System  Relocation of Repair Area  
 Repair – LHD Permit Number \_\_\_\_\_  Repair – EOP/LSS COVID 19/AOWE Permit Number \_\_\_\_\_

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.):  
William Gavalier

Mailing address: 84 Windy Farm Dr City: Fuquay-Varina State: NC Zip: 27526  
Telephone number: 919-604-0577 E-mail Address: bill.gavalier@gmail.com

2. Authorized On-Site Wastewater Evaluator (AOWE) name: Thomas J. Boyce  
LSS License number: 1241 AOWE Certification number: 10006E

Mailing address: PO Box 865 City: West End State: NC Zip: 27376  
Telephone number: (910)295-1899 E-mail Address: info@mseptic.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:

AOWE  LG

5. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): 84 Windy Farm Drive Fuquay-Varina, NC 27526

County Name: Harnett

**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: 919-707-5874 • FAX: 919-845-3972

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6. Type of facility:  Place of residence No. Bedrooms: 4 No. Occupants: Max 8  
 Place of business Basis for flow calculation: N/A  
 Place of public assembly Basis for flow calculation: N/A
7. Factors that would affect the wastewater load: N/A
8. Type and location of proposed wastewater system: III(b)(g)
9. Design wastewater flow: 480 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
11. 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 saporlite system.  Yes  No
12. 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
13. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached  Yes  NA
14. Proposed landscape, site, drainage, or soil modifications are attached:  Yes  NA

**Attestation by AOWE pursuant to G.S. 130A-336.2**

I, Thomas Boyce hereby attest that the information required to be included with  
*Authorized On-Site Wastewater Evaluator (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.

Thomas J Boyce 06/05/2023  
*Signature of Authorized On-Site Wastewater Evaluator* *Date*

**Owner self-submittal of NOI:**

I, William Gavalier hereby submit this NOI prepared by Thomas Boyce  
*Print Name of Owner* *Print Name of Licensed AOWE*  
 pursuant to G.S. 130A-336.1.

William Gavalier 06 / 06 / 2023  
*Signature of Owner* *Date*



County: Harnett

System Design Specifications

PIN/Lot Identifier: 050634 0040 11

Issued To: William Gavalier

Property Location: 84 Windy Farm Drive Fuquay-Varina, NC 27526

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

Facility Type: Single Family Home

New  Expansion  Repair  System Relocation

Basement?  Yes  No Basement Fixtures?  Yes  No

Type of Wastewater System\*\* III(b)(g) - Accepted (Initial) III(b)(g) - PPBPS (Horizontal) (Repair)

Design Daily Flow: 480 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: 1,000 gallon - Existing gallons Total Trench/Bed Length: 342 feet Trench/Bed Spacing: 9 feet on center

Drainfield square footage: N/A Trench/Bed Width: 36 inches LTAR: 0.35 gpd/ft<sup>2</sup>

Soil Cover: 6"+ inches Slope Adjusted Maximum Trench/Bed Depth: 16 inches

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

Pump Tank Size (if applicable): 1,000 gallon - Existing 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: Parallel or Serial

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: William Gavalier

Owner/Legal Representative Signature: William Gavalier Date: 06 / 06 / 2023

Pre-Construction Conference Required: Yes  No

Conditions: \_\_\_\_\_

16" Max Trench Depth - additional cover required. Establish vegetative cover to prevent erosion.

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, 1241

AOWE/PE Signature: Thomas J Boyce Date: 06/02/23



NCLSS #1241  
AOWE #10006E  
Thomas Boyce, LSS, REHS, AOWE  
Marlin Wastewater Services, LLC



(910)999-PUMP  
www.mseptic.com  
info@mseptic.com  
PO Box 865, West End NC, 27376

**AOWE/SL2022-11 Permit Requirements**

- Pre-construction conference with septic contractor required before beginning installation.
- It is the responsibility of the contractor to contact the AOWE prior to installation.
- Systems shall not be installed in wet conditions or the 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 local health department at certain stages during the installation.
- For systems with pumps, the contractor is responsible for 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 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 systems as applicable.
- Tanks must be leak tested by the manufacturer.
- Installer must be certified by NCOWCICB at appropriate grade level for system.
- Installer must carry adequate general liability insurance.



**Additional Requirements:**

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

**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 Acknowledgment of Permit Requirements**

*William Gavalier*

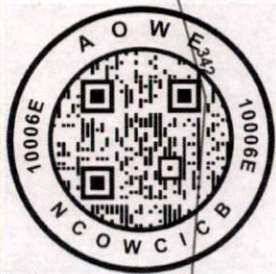
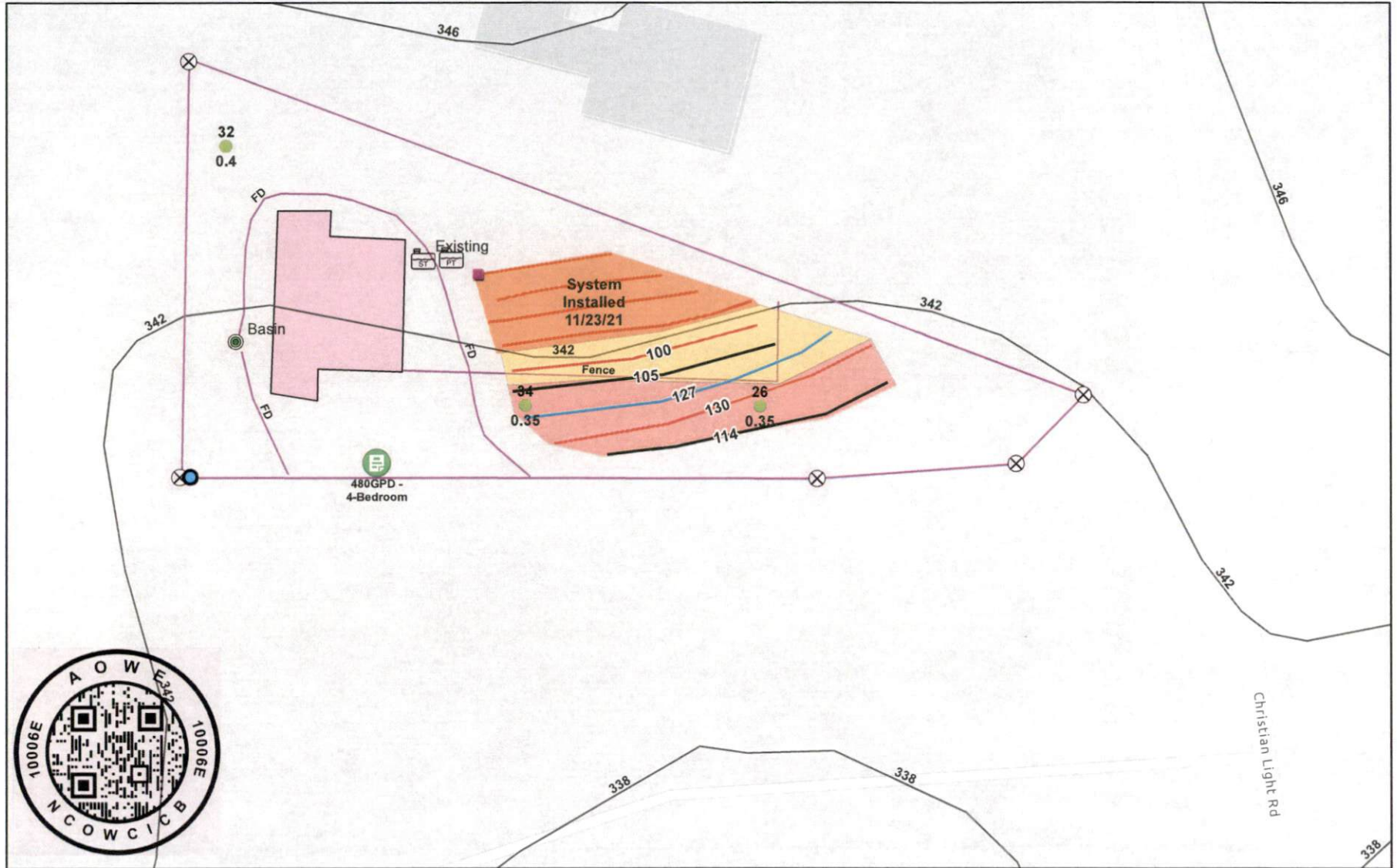
Owner Signature



84 Windy Farm Dr

Long	-78.86884305107250	-78.8686149310926	-78.86833205789780
Lat	35.51258491494240	35.51220477364320	35.51210594025220
Boring_Type	Conventional	Conventional	Conventional
Slope	5-8	5-8	5-8
Landscape_Position	Linear	Linear	Linear
LTAR	0.4	0.35	0.35
Saprolite	No	No	No
Soil_Wetness	32	34	26
H1_Depth	20	22	16
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	Non Sticky	Non Sticky
H1_Plasticity	Non Plastic	Non Plastic	Non Plastic
Add_Horizon_2			
H2_Texture	SC Loam	SC Loam	SC Loam
H2_Moist_Consistency	Friable	Friable	Friable
H2_Depth	32.0	34.0	26.0
H2_Structure	SBK	SBK	SBK
H2_Mineralogy	Slightly Expansive	Slightly Expansive	Slightly Expansive
H2_Stickiness	Sticky	Sticky	Sticky
H2_Plasticity	Plastic	Plastic	Plastic
Usable_Depth	32	34	26
Septic_Tank_Capacity	1,000 Gallon		
Pump_Tank_Capacity	1,000 Gallon		
Initial_System_Type	Accepted		
Line_Length_Initial	342'		
Max_Depth_Initial	16"		
Repair_System_Type	PPBPS (Horizontal)		
Line_Length_Repair	228'		
Max_Depth_Repair	16"		
Distribution_Method	Parallel or Serial		
Initial_LTAR	0.35		
Repair_LTAR	0.35		
GPD	480GPD - 4-Bedroom		



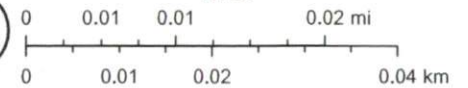


6/2/2023

- |               |             |                     |             |             |              |
|---------------|-------------|---------------------|-------------|-------------|--------------|
| PSC - Borings | D-Box       | Point Generic       | Leach Lines | Orange      | Contours     |
| Conventional  | Pump Tank   | Water Meter         | Red         | Repair Area | House Box    |
| PSC - Points  | Septic Tank | Approx. Prop. Lines | White       | Accepted    | Line Generic |
| EIP           |             |                     | Blue        | PPBPS       |              |



1:797



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# Signature Certificate

Reference number: PWCTN-4AELG-OD9CZ-PVABM

## Signer

## Timestamp

## Signature

### William Gavalier

Email: bill.gavalier@gmail.com  
Shared via link

Sent:

05 Jun 2023 14:03:54 UTC

Viewed:

06 Jun 2023 21:37:01 UTC

Signed:

06 Jun 2023 21:37:48 UTC

*William Gavalier*

IP address: 172.220.234.194

Location: Sanford, United States

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