

# Harnett County Environmental Health

File/Permit Number: EH2501-0011

## CONSTRUCTION AUTHORIZATION

County: HARNETT PIN/Lot Identifier: \_\_\_\_\_

Owner: WILLIAM + KRISTEN GAVALEZ Applicant: \_\_\_\_\_

Property Location: 84 Windy Farm Dr - Lot 1 Highland Grove

Facility Type: EX SFD

Number of bedrooms: 4 Number of Occupants: 8 Other: \_\_\_\_\_

New  Expansion  Repair  System Relocation  Change of Use  
Basement?  Yes  No Basement Fixtures?  Yes  No  
Crawl Space?  Yes  No Slab Foundation?  Yes  No

Type of Wastewater System\* \_\_\_\_\_ (Initial) TANKS Replaced (Repair)

\*Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII

Design Daily Flow: 480 GPD Wastewater Strength:  Domestic  High Strength  Industrial Process Wastewater

Rule .0403(e) Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies (S.L. 2013-413 and 2014-120)?  Yes  No  
(if yes, please provide engineering documentation)

Effluent Standard:  DSE  HSE  NSF/ANSI 40  TS-I  TS-II  RCW

Type of Water Supply:  Private well  Public well  Shared well  Municipal Supply  Spring  Other: \_\_\_\_\_

### Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: \_\_\_\_\_ feet Trench/Bed Spacing: \_\_\_\_\_ feet on center

Trench/Bed Width: \_\_\_\_\_ inches LTAR: \_\_\_\_\_ gpd/ft<sup>2</sup> Usable Depth to LC (Initial)\*: \_\_\_\_\_ <sup>3</sup>Limiting condition

Soil Cover: \_\_\_\_\_ inches Slope Corrected Maximum Trench/Bed Depth\*: \_\_\_\_\_ inches <sup>4</sup> Measured on the downhill side of the trench

Pump Tank Size (if applicable): 1000 gallons Requires more than one pump?  Yes  No

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Grease Trap Size (if applicable): \_\_\_\_\_ 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 [Rule .0204(g)]:  Yes  No

Easement, Right-of-Way, or Encroachment Agreement Required [Rule .0204(d)]:  Yes  No

Declaration of Restrictive Covenants:  Yes  No Pre-Construction Conference Required: Yes  No

Management Entity Required:  Yes  No Minimum O&M Requirements: \_\_\_\_\_

Conditions: TANK Replacement ONLY

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. **This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes.** 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 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

Authorized Agent's Printed Name: James E. Marshall <sup>JEH</sup> <sup>REHS</sup> Expiration Date: 2-28-26

Authorized Agent's Signature: James E. Marshall <sup>JEH</sup> <sup>REHS</sup> Date: 2-28-25

# Harnett County Environmental Health

## SITE SKETCH

PIN \_\_\_\_\_

Permit Number EH2501-0011

William + Kristen Gualtieri  
Applicant's Name

Highland Grove Lot 1  
Subdivision/Section/Lot Number

James L. Mendenhall  
Authorized State Agent

2-28-25  
Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale = \_\_\_\_\_

