

**HARNETT COUNTY ENVIRONMENTAL HEALTH**

File/Permit #: SFD2510-0130

CDP #:

IMPROVEMENT PERMIT (IP)

☒ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use

Owner: Smith Douglas Homes Applicant: Smith Douglas Homes

Property Location: 101 Smith Farms Dr (NC 27 W) PIN/Lot Identifier: 0528-11-6885

Subdivision: Reedy Branch Lot #: 5 Block: _____ Section: _____

Facility Type: 40'x50' SFD Number of bedrooms: 3 Number of Occupants: 6 Other: _____

Design Daily Flow: 360 GPD LTAR (Initial): .4 gpd/ft² LTAR (Repair): .4 gpd/ft²

Wastewater System Type: 25% reduction (Initial)

Pump Required: ☒ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Initial): 24

Wastewater System Type: 25% reduction (Repair)

Pump Required: ☒ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Repair): 24

Effluent Standard: ☒ DSE ☐ HSE ☐ Other: _____ Type of Water Supply: ☐ Private well ☒ Municipal Supply ☐ Other: _____

Permit conditions:

Will need 6" of group II or group III soil brought in for cover over entire drain field area

The issuance of this permit 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 permit is subject to revocation if the site plan, plat, or the intended use changes. 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 15A NCAC 18E and to the conditions of this permit.

Authorized Agent's Printed Name: Mark Osborne REHSDate: 11/13/2025Authorized Agent's Signature: [Signature] REHSExpiration Date: 11/13/2030**CONSTRUCTION AUTHORIZATION (CA)**

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Design Daily Flow: 360 GPD LTAR: .4 gpd/ft²

Effluent Standard: ☒ DSE ☐ HSE ☐ Other: _____ Type of Water Supply: ☐ Private well ☒ Municipal Supply ☐ Other: _____

Installation Requirements/Conditions

Wastewater System Type: 25% reduction Pump Required: ☐ Yes ☒ No ☐ May be required

Septic Tank Size: 1000 gallons Total Trench Length: 225 feet Trench Spacing: 9 feet on center

Pump Tank Size: 1000 gallons Maximum Trench Depth: 12 inches Soil Cover: 6 inches

Trench Width: 36 inches Distribution Method: ☐ Serial ☒ D-Box or Parallel ☐ Pressure Manifold ☐ Other: _____

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

Management Entity Required: ☐ Yes ☒ No Minimum O&M Requirements: _____

Permit conditions:

Will need 6" of group II or group III soil brought in for cover over entire drain field area

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: Mark Osborne REHSDate: 11/13/25Authorized Agent's Signature: [Signature] REHSExpiration Date: 11/13/2030

Owner/Legal Representative Signature: _____

Date: _____

***See attached site sketch**

SITE SKETCH
 PIN 0528-11-6885 Permit Number SFD2510-0130

Reedy Branch 5

Subdivision/Section/Lot Number

11/13/2025

Date _____

Scale = NTS

Revised January 2024
Form IP-24.1