

**HARNETT COUNTY ENVIROMENTAL HEALTH**

File/Permit #: SFD2509-0057

CDP #:

IMPROVEMENT PERMIT (IP)☒ New☐ Expansion☐ Repair☐ System Relocation☐ Change of UseOwner: Smith Douglas HomesApplicant: Smith Douglas HomesProperty Location: 81 Smith Farms Dr (NC 27W)PIN/Lot Identifier: 0528-11-6923Subdivision: Reedy BranchLot #: 4 Block: _____ Section: _____Facility Type: 34'x37' SFD Number of bedrooms: 3 Number of Occupants: 6 Other: _____Design Daily Flow: 360 GPD LTAR (Initial): .4 gpd/ft² LTAR (Repair): .4 gpd/ft²Wastewater System Type: 25% reduction (Initial)Pump Required: ☒ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Initial): 14Wastewater System Type 25% reduction (Repair)Pump Required: ☒ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Repair): 14Effluent Standard: ☒ DSE ☐ HSE ☐ Other: _____ Type of Water Supply: ☐ Private well ☒ Municipal Supply ☐ Other: _____

Permit conditions:

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: 10/03/2025Authorized Agent's Signature: [Signature] REHSExpiration Date: 10/03/2030**CONSTRUCTION AUTHORIZATION (CA)**☒ New☐ Expansion☐ Repair☐ System Relocation☐ Change of UseOwner: Smith Douglas HomesApplicant: Smith Douglas HomesProperty Location: 81 Smith Farms Dr (NC 27W)PIN/Lot Identifier: 0528-11-6923Subdivision: Reedy BranchLot #: 4 Block: _____ Section: _____Facility Type: 34'x37' SFD Number of bedrooms: 3 Number of Occupants: 6 Other: _____Design Daily Flow: 360 GPD LTAR: .4 gpd/ft²Effluent 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 requiredSeptic Tank Size: 1000 gallons Total Trench Length: 225 feet Trench Spacing: 9 feet on centerPump Tank Size: 1000 gallons Maximum Trench Depth: 14 inches Soil Cover: 6 inchesTrench 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:

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: 10/03/25Authorized Agent's Signature: [Signature] REHSExpiration Date: 10/03/2030

Owner/Legal Representative Signature: _____ Date: _____

***See attached site sketch**

Harnett County Environmental Health

SITE SKETCH

PIN 0528-11-6923

Permit Number SFD2509-0057

Smith Douglas Homes

Reedy Branch 4

Applicant's Name

Subdivision/Section/Lot Number

Mark Osborne REHS

10/03/2025

Authorized State Agent

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 = NTS

MUST bring in 6" of
Group II or Group III
Soil for cover over
The entire
Drain Field
area

