

**HARNETT COUNTY ENVIROMENTAL HEALTH**

File/Permit #: SFD2503-0108

CDP #:

IMPROVEMENT PERMIT (IP)☒ New☐ Expansion☐ Repair☐ System Relocation☐ Change of Use

Owner: Thomas Higdon

Applicant: Thomas Higdon

Property Location: 171 Buie Rd (SR 1213)

PIN/Lot Identifier: 9598-90-1402

Subdivision:

Lot #: _____ Block: _____ Section: _____

Facility Type: 78'x42' sfd

Number of bedrooms: 4

Number of Occupants: 8

Other:

Design Daily Flow: 480 GPD

LTAR (Initial): .5

gpd/ft²

LTAR (Repair): .5

gpd/ft²

Wastewater System Type: 25% reduction

(Initial)

Pump Required: ☐ Yes ☒ No ☐ May be required

Usable Depth to Limiting Condition (Initial): 48

Wastewater System Type: 50% reduction

(Repair)

Pump Required: ☐ Yes ☒ No ☐ May be required

Usable Depth to Limiting Condition (Repair): 48

Effluent 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

Date: 09/02/2025

Authorized Agent's Signature: 

Expiration Date: 09/02/2030

CONSTRUCTION AUTHORIZATION (CA)☒ New☐ Expansion☐ Repair☐ System Relocation☐ Change of Use

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Applicant: Thomas Higdon

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Lot #: _____ Block: _____ Section: _____

Facility Type: 78'x42' sfd

Number of bedrooms: 4

Number of Occupants: 8

Other:

Design Daily Flow: 480 GPD

LTAR: .5

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 required

Septic Tank Size: 1000 gallons

Total Trench Length: 240 feet

Trench Spacing: 9 feet on center

Pump Tank Size: _____ gallons

Maximum Trench Depth: 28 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:

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

Date: 09/02/25

Authorized Agent's Signature: 

Expiration Date: 09/02/2030

Owner/Legal Representative Signature: _____

Date: _____

***See attached site sketch**

Harnett County Environmental Health

SITE SKETCH

PIN 9598-90-1402

Permit Number SFD2503-0108

Thomas Higdon

Applicant's Name
Mark Osborne

Authorized State Agent

Subdivision/Section/Lot Number
09/02/2025

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

