

Harnett County Environmental Health

Revised for house location

File/Permit Number: Box 2502-0002

IMPROVEMENT PERMIT

County: Harnett

PIN/Lot Identifier: 0534-18-4783

Owner: Scott Pettit

Applicant: Samuel McKnight

Property Location: 1733 Hayes Rd (SR 2047)

Subdivision (if applicable): _____ Lot #: _____ Block: _____ Section: _____

New ☒

Expansion ☐

System Relocation ☐

Change of Use ☐

Facility Type: 32' x 66' DWMH

Number of bedrooms: 3 Number of Occupants: 6 Other: _____

Design Wastewater Strength: ☒ Domestic

☐ High Strength

☐ Industrial Process Wastewater

Proposed Design Daily Flow: 360 GPD

Proposed LTAR (Initial): .35

Proposed LTAR (Repair): .35

Proposed Wastewater System Type*: 50% reduction (Initial) Pump Required: ☐ Yes ☐ No ☒ May be required

Proposed Wastewater System Type*: 50% reduction (Repair) Pump Required: ☐ Yes ☐ No ☒ May be required

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

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

Saprolite System (Initial): ☐ Yes ☒ No

Saprolite System (Repair): ☐ Yes ☒ No

Fill System (Initial): ☐ Yes ☒ No If yes specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Fill System (Repair): ☐ Yes ☒ No If yes specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Usable Depth to LC (Initial)*: 30

Usable Depth to LC (Repair)*: 30

* Limiting Condition

Max. Trench Depth (Initial)*: 18

Max. Trench Depth (Repair)*: 18

* Measured on the downhill side of the trench

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

Type of Water Supply: ☐ Private well ☐ Public well ☐ Shared well ☒ Municipal Supply ☐ Spring ☐ Other: _____

Drainfield location meets requirements of Rule .0508: Yes ☒ No ☐ Drainfield location meets requirements of Rule .0601: Yes ☒ No ☐

Permit valid for: ☒ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

NO GUTTER OR FOUNDATION DRAINS SHALL EMPTY ONTO DRAIN FIELD

Authorized Agent's Printed Name: Mark Osborne REHS

Expiration Date: 3-7-30

Authorized Agent's Signature: Mark Osborne REHS

Date: 3-7-25

See attached site sketch

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.

Harnett County Environmental Health

File/Permit Number: Bras 2502-0002

CONSTRUCTION AUTHORIZATION

County: Harnett PIN/Lot Identifier: 0534-18-4783
Owner: SCOTT PATTI Applicant: Samuel McKnight
Property Location: 1733 Hayes Rd (SR 2047)
Facility Type: 32'x66' DWMH

Number of bedrooms: _____ Number of Occupants: _____ 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* 50% reduction (Initial) 50% reduction (Repair)

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

Design Daily Flow: 360 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: 172 feet Trench/Bed Spacing: 9 feet on center
Trench/Bed Width: 36 inches LTR: .35 gpd/ft² Usable Depth to LC (Initial)*: 30 ^{*Limiting condition}
Soil Cover: 6 inches Slope Corrected Maximum Trench/Bed Depth*: 18-14 inches ^{*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: _____

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 REHS Expiration Date: 3-7-30
Authorized Agent's Signature: [Signature] Date: 3-7-25

See attached site sketch

Harnett County Environmental Health

SITE SKETCH

PIN 0534-18-4783

Permit Number Brs 2502-0002

Samuel McKnight

Applicant's Name
Mark Osborne REHS

Subdivision/Section/Lot Number

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

