



SFD 2102-0087R

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

DANIEL STALEY
DIRECTOR

COMMON FORM FOR ENGINEERED OPTION PERMIT

See Instructions for Use in Appendix A

Except for "Date received", this Section to be completed by the Professional Engineer licensed in accordance with G.S. 89C

LHD USE ONLY: Initial submittal of this NOI received: 1-6-22 by MAO
Date Initials

PART 1: Notice of Intent to Construct (NOI)

- New Expansion
 Repair – LHD Permit Number _____ Repair – EOP Permit Number _____

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.): _____
Evan Germond

Mailing address: 3 Josey Williams Rd City: Erwin State: NC Zip: 28339
Telephone number: 919-771-7917 E-mail Address: tsidsm92@gmail.com

2. Professional Engineer (PE) name: Gary S. MacConnell License number: 17069
Mailing address: PO Box 129 City: Morrisville State: NC Zip: 27560
Telephone number: (919) 467-1239 E-mail Address: gary.macconnell@macconnellandassoc.com

3. Licensed Soil Scientist (LSS) name: John R. Davis Jr. License number: 1028
Mailing address: PO Box 1063 City: Youngsville State: NC Zip: 27596
Telephone number: 919-818-5087 E-mail Address: soilhorizons@gmail.com

4. Licensed Geologist (LG) (if applicable) name: _____ License Number: _____
Mailing address: _____ City: _____ State: _____ Zip: _____
Telephone number: _____ E-mail Address: _____

5. On-site Wastewater Contractor name: Avila Construction LLC License number: 10844
Mailing address: 1250 SE Maynard Rd Ste 102 City: Cary State: NC Zip: 27511
Telephone number: (919)320-3507 E-mail Address: avilaconstruction06@gmail.com

6. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached that includes the name of the insurer, name of the insured and the effective dates of coverage:

- PE LSS LG On-site Wastewater Contractor

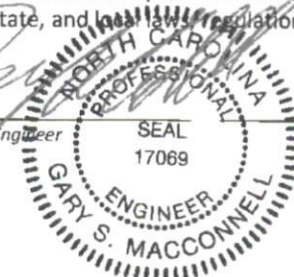
- 7. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): 1594 Josey Williams Rd, Erwin, NC 28339 (Lot 3 Kemp Holdings); PIN: 0555-93-1151
County Name: Harnett County
- 8. Type of facility: Place of residence No. Bedrooms: 4 No. Occupants: 8
 Place of business Basis for flow calculation: 120 gpd/bedroom
 Place of public assembly Basis for flow calculation: _____
- 9. Factors that would affect the wastewater load: Domestic wastewater loading will be typical of a single family residence.
- 10. Type, location, and classification (per Rule .1961) of wastewater system: Type II, Conventional septic system (Initial & Repair) Located at rear of house as viewed from road.
- 11. Design wastewater flow: 480 gpd (For flow > 3,000 gpd and industrial process, duplicate plans shall be sent to the State.)
Design wastewater strength: domestic high strength industrial process
- 12. A plat as defined in G.S. 130A 334(7a) is attached: Yes No
- 13. Owner meets requirements of ownership or control of the system per 15A NCAC 18A .1938(j): Yes No
- 14. Easement, right of way or encroachment agreement required per 15A NCAC 18A .1938(j): Yes No
If yes, documentation filed in _____ County Register of Deeds in Deed book _____ Page _____
- 15. Multi-party agreements required, as applicable, pursuant to 15A NCAC 18A .1937(h): Yes No
If yes, agreements filed in _____ County Register of Deeds in Deed book _____ Page _____
- 16. Location of proposed or existing wells (drinking water, irrigation, geothermal, groundwater monitoring, sampling, etc.) and any potable and non-potable water conveyance lines is indicated on attached plans and complies with 15A NCAC 18A .1950: Yes No
This is a saprolite system. Yes No
- 17. Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a LSS is attached: Yes No
- 18. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA
- 19. Proposed landscape, site, drainage, or soil modifications are attached: Yes NA

Attestation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C

I, Gary S. MacConnell hereby attest that the information required to be included with this Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed system shall meet applicable federal, State, and local laws, regulations, rules and ordinances in accordance with G.S. 130A-336-.1(e)(6).

Signature of Licensed Professional Engineer

5/14/2021 Revised 1/5/2022
Date



This section is for Owner use to either designate PE as their legal representative or to self-submit the NOI.

Designation of Registered Professional Engineer as legal representative of Owner for this Notice of Intent:

I, Evan Germond hereby designate Gary S. MacConnell, PE
Print Name of Owner *Print Name of Registered Professional Engineer*

as my legal representative for purposes of this Notice of Intent pursuant to G.S. 130A-336.1.

[Signature] 5/14/2021
Signature of Owner *Date*

Owner self-submittal of NOI:

I, _____ hereby submit this **NOI** prepared by _____
Print Name of Owner *Print Name of Licensed PE*
pursuant to G.S. 130A-336.1.

Signature of Owner *Date*

NOTES:

LIABILITY: *The Department, the Department's authorized agents or local health departments shall have no liability for wastewater systems designed, constructed and installed pursuant to an Engineered Option Permit. [(NC General Statute 130A-336.1(f))]*

RIGHT OF ENTRY: *The submittal of this Notice of Intent to Construct grants right of entry to the Local Health Department and the State to the referenced property.*

ISSUANCE OF BUILDING PERMIT: *Once the LHD deems that the Notice of Intent to Construct is complete via signature in the section above, the owner may apply to the local permitting agency for a permit for electrical, plumbing, heating, air conditioning or other construction, location or relocation activity under any provision of general or special law pursuant to G.S. 130A-338.*



Initial Application Date: _____

Application # SFD 2102-0087R

CU# _____

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION
Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits

****A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION****

LANDOWNER: Evan and Patricia Germond Mailing Address: 3 Josey Williams Rd
City: Erwin State: NC Zip: 28339 Contact No: 919-771-7917 Email: tsidsm92@gmail.com

APPLICANT: Gary S. MacConnell, P.E. Mailing Address: P.O Box 129
City: Morrisville State: NC Zip: 27560 Contact No: 919-467-1239 Email: info@macconnellandassoc.com

*Please fill out applicant information if different than landowner

ADDRESS: 1594 Josey Williams Rd, Erwin, NC 28339 PIN: 0555-93-1151

Zoning: RA-20R Flood: Minimal Flood Risk Watershed: No Deed Book / Page: 3970/0486

Setbacks - Front: _____ Back: _____ Side: _____ Corner: _____

PROPOSED USE:

SFD: (Size 60 x 60) # Bedrooms: 4 # Baths: 3 Basement(w/wo bath): _____ Garage: Deck: _____ Crawl Space: Slab: _____ Monolithic Slab: _____
TOTAL HTD SQ FT _____ GARAGE SQ FT _____ (Is the bonus room finished? () yes () no w/ a closet? () yes () no (if yes add in with # bedrooms)

Modular: (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage: _____ Site Built Deck: _____ On Frame _____ Off Frame _____
TOTAL HTD SQ FT _____ (Is the second floor finished? () yes () no Any other site built additions? () yes () no

Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms: _____ Garage: _____ (site built? _____) Deck: _____ (site built? _____)

Duplex: (Size _____ x _____) No. Buildings: _____ No. Bedrooms Per Unit: _____ TOTAL HTD SQ FT _____

Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____

Addition/Accessory/Other: (Size _____ x _____) Use: _____ Closets in addition? () yes () no

TOTAL HTD SQ FT _____ GARAGE _____

Water Supply: _____ County _____ Existing Well New Well (# of dwellings using well _____) ***Must have operable water before final (Need to Complete New Well Application at the same time as New Tank)**

Sewage Supply: New Septic Tank _____ Expansion _____ Relocation _____ Existing Septic Tank _____ County Sewer
(Complete Environmental Health Checklist on other side of application if Septic)

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes () no

Does the property contain any easements whether underground or overhead () yes () no

Structures (existing or proposed): Single family dwellings: Manufactured Homes: _____ Other (specify): _____

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. **Permits are subject to revocation if false information is provided.**

Signature of Owner or Owner's Agent

SEAL _____ Date 5/14/2021 Revised 1/5/2022

*****It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.*****

This application expires 6 months from the initial date if permits have not been issued*

APPLICATION CONTINUES ON BACK

strong roots • new growth

****This application expires 6 months from the initial date if permits have not been issued****

This application to be filled out when applying for a septic system inspection.

County Health Department Application for Improvement Permit and/or Authorization to Construct

IF THE INFORMATION IN THIS APPLICATION IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENT PERMIT OR AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months; Complete plat = without expiration)

Environmental Health New Septic System

- **All property irons must be made visible.** Place "pink property flags" on each corner iron of lot. All property lines must be clearly flagged approximately every 50 feet between corners.
- Place "orange house corner flags" at each corner of the proposed structure. Also flag driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place orange Environmental Health card in location that is easily viewed from road to assist in locating property.
- If property is thickly wooded, Environmental Health requires that you clean out the undergrowth to allow the soil evaluation to be performed. Inspectors should be able to walk freely around site. **Do not grade property.**
- **All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.**

Environmental Health Existing Tank Inspections

- Follow above instructions for placing flags and card on property.
- Prepare for inspection by removing soil over **outlet end** of tank as diagram indicates, and lift lid straight up (if possible) and then **put lid back in place.** (Unless inspection is for a septic tank in a mobile home park)
- **DO NOT LEAVE LIDS OFF OF SEPTIC TANK**

"MORE INFORMATION MAY BE REQUIRED TO COMPLETE ANY INSPECTION"

SEPTIC

If applying for authorization to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.

- Accepted
 Innovative
 Conventional
 Any
 Alternative
 Other _____

The applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer is "yes", applicant **MUST ATTACH SUPPORTING DOCUMENTATION**:

- YES NO Does the site contain any Jurisdictional Wetlands?
 YES NO Do you plan to have an irrigation system now or in the future?
 YES NO Does or will the building contain any drains? Please explain. _____
 YES NO Are there any existing wells, springs, waterlines or Wastewater Systems on this property?
 YES NO Is any wastewater going to be generated on the site other than domestic sewage?
 YES NO Is the site subject to approval by any other Public Agency?
 YES NO Are there any Easements or Right of Ways on this property?
 YES NO Does the site contain any existing water, cable, phone or underground electric lines?

If yes please call No Cuts at 800-632-4949 to locate the lines. This is a free service.

I Have Read This Application And Certify That The Information Provided Herein Is True, Complete And Correct. Authorized County And State Officials Are Granted Right Of Entry To Conduct Necessary Inspections To Determine Compliance With Applicable Laws And Rules. I Understand That I Am Solely Responsible For The Proper Identification And Labeling Of All Property Lines And Corners And Making The Site Accessible So That A Complete Site Evaluation Can Be Performed.