

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington NC 27546-0400

Phone (910) 893-8743 / Fax (910) 893-3594

www.halowensoil.com

31 October 2024

Tim Johnson

Reference: Applicant Instructions for Private Septic Permit
17247 NC 27 W Sandford, NC 27332
PIN 9576-57-4976

Dear Mr. Tim Johnson,

A soil and site evaluation has been conducted for the above referenced property for the purpose of permitting a subsurface sewage waste disposal system. The wastewater system may not be installed until an application is filed with the Local Health Department (LHD). You will need to file a septic application with the LHD, pay the filing fee, and provide a signed copy of the AOWE permit package. After filing a complete NOI, you may apply for building permits.

The AOWE permit package includes:

- Notice of Intent (NOI) to Construct Form (**owner must sign NOI**)
- Certificate of Insurance for Hal Owen & Associates, Inc.
- A plat or site plan
- AOWE Evaluation for the subject property

If you file application using the permit portal, please add Hal Owen & Associates (hal@halowensoil) as a contact to allow us access to the project.

REGULATORY COMPLIANCE

Before installing a wastewater dispersal system or making any improvements to the property, it is the landowner's responsibility to verify that any proposed improvements comply with all applicable federal, state and local laws, rules, and regulations concerning land use, zoning, subdivision, erosion control, flood damage prevention, wetland regulations and any other land development restrictions.

CLEARING AND SEPTIC AREA PREPARATION

It is important that you do not disturb the septic areas during site construction. A staked line or protective fence should be placed around the system areas prior to construction to eliminate any potential damage to the soil or the layout of the system. Septic areas should not be used for staging construction materials or subjected to vehicular traffic. Do not cut, grade, fill, install utilities, or otherwise alter the designated septic areas.

Care should be taken when clearing vegetation from the septic area. Work should only occur when the soil is at the appropriate moisture content to limit the impact to the soil structure in the soil treatment area. Do not scrape the ground inside the drainfield. **Any clearing or preparation of the septic areas shall be done without removal, disturbance, or compaction of the soil.**

SEPTIC SYSTEM INSTALLATION

Hal Owen & Associates Inc. is responsible for inspecting and approving the septic system installation; therefore, it is important for you to coordinate with us in choosing an installer to ensure a quality installation and to avoid project delays, cost overrun, or permit revocation. The septic system installer shall hold a current certification from the North Carolina Onsite Wastewater Contractor Inspector Certification Board as a **Level II installer or higher**. The installer shall **provide proof of liability insurance** with effective dates of coverage. The installer shall submit a **signed and dated statement of responsibility** to the owner, prior to commencement of work, that contains acknowledgement of the requirements of the onsite wastewater system specified by the AOWE (a sample form is attached). A courtesy list of installers we often work with is attached.

Hal Owen & Associates Inc should be **contacted at least five days** prior to the anticipated septic installation date in order to schedule a **pre-construction conference and site visit**. We will observe and note current site conditions and verify the locations of the structure, driveway, parking, and septic system layout. If any features are found to be out of compliance with the AOWE Permit, the inspector may delay the start of installation until issues are resolved.

AUTHORIZATION TO OPERATE (ATO)

Hal Owen & Associates Inc. will inspect the septic system prior to the system being covered. A Post-Construction Conference with the installer, owner (or agent), and Hal Owen & Associates staff is required. The conference shall include start-up and any required verification of the system components. Upon determining that the system is properly installed, we will issue an Authorization to Operate (ATO) and include an inspection report, as-built sketch, and system operation and management program. The applicant shall provide a copy of these documents along with the filing fee to the LHD, who will issue the certificate of occupancy for the facility.

Our services associated with the ATO permit will be billed at an hourly rate at the time the system is installed. You should budget \$500-\$1000 for this service.

I appreciate the opportunity to provide this service. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

A handwritten signature in black ink that reads "Hal Owen". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Hal Owen
Licensed Soil Scientist
Authorized Onsite Wastewater Evaluator

On-Site Wastewater System Contractor

Statement of Responsibility

Project Name (site identifiers): _____

County: _____ LHD Reference: _____

AOWE: Hal Owen, LSS #1102 and AOWE #10036E

Wastewater System Owner:

Name: _____

Address: _____

I, _____, am a certified on-site wastewater system contractor licensed in the State of North Carolina pursuant to article 5 of Chapter 90A of the General Statutes. I acknowledge the requirements of the on-site wastewater system specified by the Authorized On-Site Wastewater Evaluator (AOWE) and agree to be responsible for all aspects of the construction and installation of the wastewater system and its components, including adherence to specifications and any special inspections that are prepared, signed, and sealed by the AOWE. I have sufficient errors and omissions, liability, or other insurance for the system to be constructed.

Signature of Installer

Certification #

Date

Local Septic System Installers

Name	Telephone	Level & Cert#	County
Jason Matthews Matthews Backhoe Service Fuquay-Varina, NC	(919) 552-2669	Level IV #1228	Harnett
Don Gaddy Don Gaddy Septic Cameron, NC	(910) 245-3066	Level IV #2706	Moore
Jay Adcock Adcock Excavating LLC Fuquay-Varina, NC	(919) 552-6724	Level IV #1902	Wake
Edward Faison Quality Septic Services Inc Wendell, NC	(919) 365-9823	Level IV # 4530	Wake
Ted Brown Cameron, NC	(919) 499-5985	Level III #1041	Harnett
Larry Sharpe Larry Sharpe Septic Tank Co Sanford, NC	(919) 499-6160	Level II #1165	Harnett
Clint Adams Clint Adams Hauling and Grading Angier, NC	(919) 868-1674	Level IV #1205	Harnett
Tyler A Nordan Gene's Backhoe Services Willow Spring, NC	(919) 868-2754	Level IV #3795	Johnston
John Allen Scott Scott Septic Service Robbins, NC	(910) 783-5688	Level II #6891	Moore
Christian Blake Boswell Boswell And Son Septic Tank Sharpsburg, NC	(252) 977-9384	Level IV #1254	Nash
Bobby Winn Thomas State Mobile Home Movers Benson, NC	(919) 422-8623	Level IV #4813	Johnston
Arturo Cardenas Cardenas Construction Angier, NC	(919) 291-9555	Level II #2455	Harnett

For a complete list of certified subsurface operators in NC go to <https://ncowcicb.info/>

INFORMATION FOR THE INSTALLER

- Read the permit carefully prior to bidding.
- Note whether tanks must be water tested prior to installation and a certification supplied.
- Install system during dry conditions in order to protect the soil structure.
- Call Hal Owen & Associates at least **5 days** in advance for a pre-construction conference and to schedule the installation date.
- Elevations at pin flag locations should be checked by installer prior to digging trenches. Hal Owen & Associates sets pin flags at the center of the trench.
- Provide proof of liability insurance with effective dates of coverage to
Hal Owen & Associates, Inc.
PO Box 400
Lillington, NC 27546
- Submit a signed and dated statement of responsibility to the owner, prior to commencement of work, that contains acknowledgement of the requirements of the onsite wastewater system specified by the AOWE. Email a copy of the signed statement to hal@halowensoil.com for our records.