



## Improvement Permit for Wastewater Systems

CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT

DIVISION OF ENVIRONMENTAL HEALTH

80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130

PHONE 919-542-8208 / FAX 919-542-8288

[www.chathamnc.org/environmentalhealth](http://www.chathamnc.org/environmentalhealth)

Expiration Date: MARCH 17, 2030

New

Owner:	KAY AND WILLIAM BUCKNER	Applicant:	SURVEY CAROLINA
911 Address:	TBD BOWER STORE ROAD, SILER CITY		
Parcel Number:	11981 PARENT - TRACT 2		
Acres:	3.25		
Subdivision Name:	N/A		
Subdivision Lot:	N/A		

### FACILITY

Facility Type: Single Family Dwelling

Number of Bedrooms: 5 Number of Occupants: 10 Other: n/a

Design Flow: 600 GPD Design Wastewater Strength: Domestic

Type of Water Supply: Private Well

### INITIAL SYSTEM

System Type: IIIB - Single Pump Trench Product: Conventional Gravel

LTAR: 0.30 GPD/ft<sup>2</sup> Effluent Standard: DSE Saprolite System: No Fill System: No

Tank(s) Size with Risers and Effluent Filter: ST 1,250 Gal PT 1,250 Gal

Nitrification Line: Length: 670 ft. Width: 3 ft. Max Trench Depth: 30 in. on downslope sidewall

Artificial Drainage Required: No If yes, type/details: n/a

### REPAIR SYSTEM

System Type: IIIB - Single Pump Trench Product: Conventional Gravel

LTAR: 0.30 GPD/ft<sup>2</sup> Effluent Standard: DSE Saprolite System: No Fill System: No

Max Trench Depth: 30 in. on downslope sidewall

Artificial Drainage Required: No If yes, type/details: n/a

Drainfield locations meet requirements of Rule .0508: Yes Drainfield locations meet requirements of Rule .0601: Yes

### SPECIAL CONDITIONS:

Pressure Manifold Tap Chart Required Prior to issuance of Construction Authorization

*This permit is valid for five years but is subject to revocation if the site plan, plat, or the intended use changes or if the site is altered, soil disturbed, or setbacks violated. The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for verifying with appropriate governing bodies in meeting their requirements. 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. A department issued accompanying site plan must be attached to be valid. A Construction Authorization must be obtained from this office before installation and prior to applying for building permits.*

Issued by: 

Ray Milosh - Registered Environmental Health Specialist

NC Registration #: 2977

Date: 3/17/25



IMPROVEMENT PERMIT SITE PLAN 2/2 PN:11981 PARENT TRACT 2#803

WILLIAM AND VIRGINIA

BUCKNER

Notes:

- This project is not located within a special flood hazard area per HCFMIS.
- Map # 2710970205. Effective Date: 11/17/2017
- All lines surveyed by this surveyor. PLCC are indicated by bold lines. All lines not surveyed.
- All Surveyor Cardinals, PLCC are indicated by bold lines.
- No attempt was made by this survey to locate all underground utilities for any other easements that would be revealed by a title search.
- APKAN: 11981
- State: NC
- Waterbody: w/IV-PA
- County Water: w/Not Available

I, Dan W Tanner II, certify that this map was drawn under my supervision from an actual GPS/GIS survey made under my supervision and the following information was used to perform the survey:

- Control Survey: Class A
- Positional accuracy: +/- 10'
- Type of GPS/GIS field procedure: Real-Time Kinematic Networks
- Dates of survey: February 14, 2025
- Datum/Epsg: NAD83(HARN) / 2018.00
- Vertical datum: NAD83 Vertical North American Vertical Datum of 1988
- Grid model: NAD83 HARN
- Combined grid factors: 0.9998977
- GPS/GIS Scale Factor: 1:1000
- Units: US Survey Feet

H:731,516.48 E:1,904,551.76 Z:2,555.84

100' Units: US Survey Feet

Existing Well

STATE OF NORTH CAROLINA

EXISTING HOUSE

I, [REDACTED] Review Officer of Chatham County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Date Review Officer

EXISTING Septic

APPROVAL FOR MINOR SUBDIVISIONS

I hereby certify that the subdivision plat shown hereon is a minor subdivision and has been found to comply with the subdivision regulations for Chatham County. The plat has been approved for recording in the Office of the County Register of Deeds.

Director of Planning or Authorized Agent

CERTIFICATION OF OWNERSHIP AND DEDICATION

I (we) hereby certify that I am (we) the owner(s) of the property shown and described herein and that I (we) hereby adopt this plan of subdivision with my (our) free consent, and dedicate all right-of-ways, streets, alleys, walks, easements, parks, and other open spaces to public or private use as noted.

Owner(s)

APPROVED

Owner(s)

Well AREA

Development or redevelopment of a Minor Subdivision or an individual residential lot cumulatively exceeding 20,000 square feet of land disturbance shall comply with Section 165.045 (E) (d) and (e) [formerly Section 400 (5) (d) and (e)] of the Chatham County Stormwater Ordinance.

Jurisdictional and permanence of the features shown has been determined by Chatham County. Required buffers were measured landward from the outer limit of jurisdiction. Chatham County Watershed Protection Ordinance provides descriptions of allowable uses within protected buffer areas. Lot number(s) 2-3 & A is subject to Chatham County buffer requirements.

Parent tract not subject to buffer

Minor Subdivision on parcel #11981 was reviewed and approved as an Expedited Subdivision. No Subdivider shall use the Expedited Subdivision process on any portion of the parent tract or resultant lots for a period of ten (10) years from the date of recordation of the final plat.

Owner Signature

Owner Signature

APPROVED  
Well AREA  
Septic AREA



I, Dan W Tanner II, Professional Land Surveyor, certify:

In accordance with NC General Statute 47-30(11a). That the survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

I, Dan W Tanner II, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in:

Book 912, page 750;

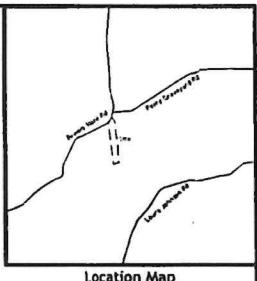
that the boundaries not surveyed are clearly indicated as drawn from information found in Book [REDACTED], page [REDACTED]. Notes: that the ratio of precision or positional accuracy as calculated is 1:10000+, that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, license number and seal this the 18th day of February, A.D., 2025.

PRELIMINARY PLAT - NOT FOR RECORDATION, CONVEYANCES, OR SALES

Professional Land Surveyor

L-4787

Roy Capiloh  
3/17/25



LINE	PARCEL	LAND USE	CHORD LENGTH	CHORD AREA
1	103-24	103-24	192.20	117-1931.2
2	103-24	103-24	157.64	12-1672.4
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## SOIL SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Complete all fields in full

OWNER: KAY AND WILLIAM BACKNER

ADDRESS: TBD Bawer Stree Rd

PROPOSED FACILITY: 5F Dewatering PROPOSED DESIGN FLOW (.0400): 600 PROPERTY SIZE: 5.25 PROPERTY RECORDED:

EDUCATION OF SITE:

WATER SUPPLY: Public Single Family Well Shared Well Spring Other \_\_\_\_\_ WATER SUPPLY SETBACK: \_\_\_\_\_

EVALUATION METHOD:  Auger Boring  Pit Cut TYPE OF WASTEWATER:  Domestic  High Strength  IPWW

BY ALLOCATION METHOD (100% OF THE VOLUME)

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (HIS)	✓	✓
System Type(s)	1116	1116
Site LTAR	0.3	0.3
Maximum Trench Depth	30	30
Comments:		

SITE CLASSIFICATION

EVALUATED BY: Ray M. as

OTHERS PRESENT: JOHN GRAY RUFUS JOHNSON

