



IMPROVEMENT PERMIT

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 461809 - 1
County ID Number: _____
Evaluated For: NEW

PERMIT VALID UNTIL: 10/17/2030

***NOTE TO INSPECTIONS DIVISION:** Building Permits cannot be issued with this Improvement Permit.

Applicant: PATRIOT BUILDERS - STEVE WRIGHT- WRIGT IN
Address: 119ROYAL ROAD
City: OXFORD
State/Zip: NC 27565
Phone #: home: (919) 418-5677

Property Owner: PATRIOT BUILDERS - STEVE WRIGHT- WRIC
Address: 119ROYAL ROAD
City: OXFORD
State/Zip: NC. 27565
Phone #: home: (919) 418-5677

Property Location & Site Information

Address: 2081 SATTERWHITE ROAD, NC Subdivision: EVANS ESATES Block/Phase: NEW Lot: 5

Directions

Road #: _____
Structure: SINGLE FAMILY GPS
of Bedrooms: 4
of People: _____
*Water Supply: NEW WELL

System Specifications

Initial System

Usable Soil Depth: 36
Design Flow: 480
Soil Application Rate: 0.3000

Minimum Trench Depth: 20 Inches

Maximum Trench Depth: 22 Inches

*System Classification/Description:
Type IIIg - Other Non-Conventional Systems

Septic Tank: 1000 Gallons

Pump Required ☐ Yes ☒ No ☐ May Be Required

*Proposed System:
25% REDUCTION

Pump Tank: _____ Gallons

Repair System Required: ☒ Yes ☐ No ☐ No, but has Available Space

Repair System

Usable Soil Depth: 36
Soil Application Rate: 0.300
*System Classification/Description:
Type IIIg - Other Non-Conventional Systems

Minimum Trench Depth: 20 Inches

Maximum Trench: Depth: 22 Inches

Pump Required: ☐ Yes ☒ No ☐ May Be Required

*Proposed System: 25% REDUCTION

Pump Tank: _____ Gallons

No grading or construction activity is allowed in areas designated for system and repair without approval of Health Department.

*Site Modifications

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements.

*Permit Conditions

Site permitted under G.S. 130A-335(a2). Refer to soil scientist site sketch. Stay within suitable soil area (Flagged yellow). Min. 50' off wells.

CDP File Number: 461809

County ID Number:

The Department and Local Health Department may impose conditions on the issuance and may revoke the permits for failure of the system to satisfy the conditions, the rules, or this article. This permit is subject to revocation if the site plan, plat, or intended use changes (NCGS 130A-335(f)). The person owning or controlling the system location, installing, operation, maintenance, monitoring, reporting, and repair (per rule .0301(fa)).

Authorized State Agent:

Bullock, Will

Date of Issue:

10/17/2025

Total Time: (HH:MM)

☐ Hand Drawing

☒ Import Drawing

****Site Plan/Drawing attached.****



Construction Authorization

Granville Vance Public Health

Environmental Health

PO Box 367

Oxford, NC 27565

Phone: (252) 492-5263 Fax: (252) 492-2361

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*CDP File Number: 461809 - 1

County ID Number:

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☐ Open Pump System Sheet

Applicant: PATRIOT BUILDERS - STEVE WRIGHT- WRIGHT IN
Address: 119 ROYAL ROAD
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State/Zip: NC 27565
Phone #: home: (919) 418-5677

Property Owner: PATRIOT BUILDERS - STEVE WRIGHT- WRIGHT
Address: 119 ROYAL ROAD
City: OXFORD
State/Zip: NC 27565
Phone #: home: (919) 418-5677

Property Location & Site Information

Address/Road #: 2081 SATTERWHITE ROAD , Subdivision: EVANS ESATES Phase: NEW Lot: 5
NC
Structure: SINGLE FAMILY Directions:
of Bedrooms: 4 GPS
of People:
*Water Supply: NEW WELL

System Specifications

Usable Soil Depth: 36 Minimum Trench Depth: 20 Inches
Design Flow: 480 Maximum Trench Depth: 22 Inches
Soil Application Rate: 0.3000 Minimum Soil Cover: Inches
*System Classification/Description: Maximum Soil Cover: Inches
Type IIIg - Other Non-Conventional Systems
*Proposed System: 25% REDUCTION *Distribution Type: GRAVITY - PARALLEL (eq. d-box)
Nitrification Field: 1200 Sq. ft. Septic Tank: 1,000 Gallons
No. Drain Lines: 5 Pump Required: ☐ Yes ☒ No ☐ May Be Required
Total Trench Length: 400 ft. ☐ Inches O.C. Pump Tank: Gallons
☒ Feet O.C. Grease Trap: Gallons
Trench Spacing: 9 - ☐ Inches
Trench Width: 3 - ☒ Feet Septic Tank Installer
Aggregate Depth: inches Grade Level Required: ☐ I ☒ II ☐ III ☐ IV

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements.

*Permit Conditions:

Site permitted under G.S. 130A-335(a2). Refer to soil scientist site sketch. Stay within suitable soil area (Flagged yellow). Min. 50' off wells.

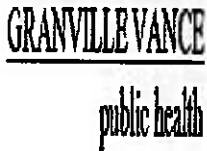
The Authorization for Wastewater System Construction shall be valid for a period equal to the period of validity of the Improvement Permit and may be issued at the same time the Improvement Permit issued (NCGS 130A-336(b)). If the installation has not been completed during the period of validity of the Construction Permit, the information submitted in the application for a permit or Construction Authorization shall become invalid, and may be suspended or revoked (.0204(k)(1)). The person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regarding system location, installation, operation, maintenance, monitoring, reporting and repair (per rule .0301(a)).

Authorized State Agent: Bullock, Will *REHS* Date of Issue: 10/17/2025

☐ Hand Drawing ☒ Import Drawing

Site Plan/Drawing attached.

Total Time : (HH:MM)



Well Construction Permit

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford NC, 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 461809

PIN Number: _____

Tax Lot #: 5

Tax Block #: _____

Evaluated For: _____

PERMIT VALID UNTIL: 10/17/2030

Property Owner: PATRIOT BUILDERS - STEVE WRIGHT- WRI

Address: 119ROYAL ROAD

City: OXFORD

State/Zip: NC / 27565

Phone #: H: (919) 418-5677

Applicant: PATRIOT BUILDERS - STEVE WRIGHT- WRI

Address: 119ROYAL ROAD

City: OXFORD

State/Zip: NC / 27565

Phone #: H: (919) 418-5677

Property Location & Site Information

Address/Road #:

Subdivision: EVANS ESATES

Phase: _____

Lot: 5

2081 SATTERWHITE ROAD

*Proposed use of Well:

If Other:

Applicant Email:

Owner Email:

Directions:GPS

Well Contractor Information

Drilling Contractor:

Driller Registration:

Permit Conditions

*Permit Conditions

Keep proposed well min. 50' off any part of septic (including neighboring lots). Min. 25' off house foundation. Refer to soil scientist site sketch for well placement. Well driller responsible for maintaining all setbacks.

** Well to be min. 40' off left property line (off lot 6 property line)
to avoid neighbors proposed pump system in front yard.*

Well location, construction and protection must meet all state and local regulations and must be inspected and approved by an authorized representative of the Local Health Department. The permit may be revoked at any time for failure to comply with existing regulations. The siting of approved well construction area(s) by the Health Department is to provide protection from the known possible sources of contamination. The approved well area(s) may not be changed without permission from an authorized representative of the Local Health Department. Issuance of this well permit does not guarantee water quality or adequate water production from the well once it is installed or repaired.

*Issued By: Bullock, Will

Authorized State Agent: [Signature] PCHS

Owner/Applicant: Patriot Builders

*Date of Issue: 10/17/2025

☐ Hand Drawing

☒ Import Drawing

****Site Plan/Drawing attached.****



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Chief Deputy Secretary for Health
SUSAN KANSAGRA • Assistant Secretary for Public Health
Division of Public Health

Submittal includes: ☒ (a2) Improvement Permit ☐ (a2) Construction Authorization ☐ Fee \$ _____

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)

County: BOONVILLE
PIN/Lot Identifier: 099500397909
Issued To: STEVE WRIGHT
Property Location: 2081 SATTERWHITE RD.
Subdivision (if applicable): EVANS ESTATES Lot #: 5 Block: _____ Section: _____
LSS Report Provided: Yes ☒ No ☐
If yes, name and license number of LSS: HAROLD KELLY #1143

New ☒ Expansion ☐ System Relocation ☐ Change of Use ☐
Facility Type: HOUSE

Number of bedrooms: 4 Number of Occupants: 6 Other: _____
Design Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater
Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): .3 Proposed LTAR (Repair): .3

Proposed Wastewater System Type*: IIIg (Initial) Pump Required: ☐ Yes ☒ No ☐ May be required
Proposed Wastewater System Type*: IIIg (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)*: 36" Usable Depth to LC (Repair)*: 36" *Limiting Condition

Max. Trench Depth (Initial)*: 22" Max. Trench Depth (Repair)*: 22" *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:

Licensed Soil Scientist Print Name: HAROLD KELLY Date: 8/28/25

Licensed Soil Scientist Signature: [Signature]

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).
See attached site sketch

Harold Kelly
NC Licensed Soil Scientist, CPSS
7309 Blalock Road
Bahama, NC 27503
(336) 322-4724 (office)
(336-598-2382 (cell)

August 28, 2025

Steve Wright
119 Royall Road
Oxford, NC 27565
Steve.eod.wright@gmail.com

RE: LSS Evaluation (G.S. 130A (a2)/ 2081 Satterwhite Road/Parcel #: 099500397909/ Granville County, NC

Dear Mr. Wright:

This LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335 (a2).

At your request, a soil/site evaluation was performed on the property referenced above. The purpose of this evaluation was to identify a suitable soil area that meets the requirements for the permitting and installation of a septic system for a four-bedroom home. The soil evaluation was done in accordance with NC Rules for Sewage Treatment and Disposal Systems (15A NCAC 18E). A site plan and soil profile descriptions accompany this report.

A suitable soil area (~113,500 ft²) was identified with useable soil depths of at least 36". Soil boring locations were marked with orange tape. The perimeter of the proposed system area was marked with orange pin flags and pink/black tape. Based on soil profiles, an LTAR of 0.30 gpd/ft² is proposed. An *accepted* system (IIIg) will require approximately 400 linear feet of drain line. Based on the depth of the soil (>36") and a 5% slope, the maximum trench depth would be 22" (measured on the downhill side of the trench).

In summary, based on the observed soil characteristics, there appears to be an adequate area of suitable soil on the property to accommodate a system and repair for a four-bedroom home. This report is being provided to meet the requirements of G.S. 130A-335 (a2), and after their review and approval, will allow the Granville County Health Department to issue an Improvement Permit.

Thank you for the opportunity to provide you with this information. Please feel free to contact me (336-598-2382) if you, or Granville County Environmental Health, have any questions about this report.

Sincerely,

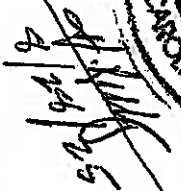


Harold Kelly
NC Licensed Soil Scientist



124.68	137.36	99.94	118.76	50.10	156.07	49.44	151.6
183.64	133.36						

hkelly0501@gmail.com



For:
Steve Wright
119 Royall Road
Oxford, NC 27565
Steve.eod.wright@gmail.com

Notes:

- Soil borings numbered and marked with orange flagging.
- Corners of proposed drain field marked with orange pin flags and pink/black flagging.
- Locations and distances are approximate.
- Proposed building envelope may be adjusted.
- Well location may be adjusted.

Suitable soil area:

- Soil depth to LC: 36" (initial and repair)
- Maximum trench depth= 22" (5% slope)
- System area ~13,500ft²

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Site Plan Scale: 1" = 100'