

**HARNETT COUNTY ENVIROMENTAL HEALTH**

File/Permit #: EH2506-0017

CDP #:

IMPROVEMENT PERMIT (IP)☐ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use

Owner: _____

Applicant: _____

Property Location: _____

PIN/Lot Identifier: _____

Subdivision: _____

Lot #: _____ Block: _____ Section: _____

Facility Type: _____ Number of bedrooms: _____ Number of Occupants: _____ Other: _____

Design Daily Flow: _____ GPD LTAR (Initial): _____ gpd/ft² LTAR (Repair): _____ gpd/ft²

Wastewater System Type: _____ (Initial)

Pump Required: ☐ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Initial): _____

Wastewater System Type _____ (Repair)

Pump Required: ☐ Yes ☐ No ☐ May be required Usable Depth to Limiting Condition (Repair): _____Effluent Standard: ☐ DSE ☐ HSE ☐ Other: _____ Type of Water Supply: ☐ Private well ☐ Municipal Supply ☐ Other: _____

Permit conditions:

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.

Authorized Agent's Printed Name: Ren Levocz

Date: 09/29/2025

Authorized Agent's Signature: _____

Expiration Date: _____

CONSTRUCTION AUTHORIZATION (CA)☐ New ☐ Expansion ☒ Repair ☐ System Relocation ☐ Change of Use

Owner: GREENE ANGELA & GREENE ANDREW

Applicant: GREENE ANGELA & GREENE ANDREW

Property Location: 397 ADAMS POINTE CT ANGIER, NC 27501

PIN/Lot Identifier: 0663-51-5982.000

Subdivision: HONEYCUTT HILLS

Lot #: LOT#24 Block: _____ Section: _____

Facility Type: EX. SFD Number of bedrooms: 4 Number of Occupants: 8 Other: _____

Design Daily Flow: 480 GPD LTAR: .35 gpd/ft²Effluent Standard: ☒ DSE ☐ HSE ☐ Other: _____ Type of Water Supply: ☐ Private well ☒ Municipal Supply ☐ Other: _____**Installation Requirements/Conditions**

Wastewater System Type: Vertical PPBPS

Pump Required: ☐ Yes ☒ No ☐ May be required

Septic Tank Size: Ex. 1,000 gallons Total Trench Length: 240' feet Trench Spacing: 6' feet on center

Pump Tank Size: 1,000 gallons Maximum Trench Depth: 24" inches Soil Cover: 6" inches

Trench Width: 36" inches Distribution Method: ☐ Serial ☐ D-Box or Parallel ☒ Pressure Manifold ☐ Other: _____Artificial Drainage Required: Yes ☒ No ☐ If yes, please specify details: Interceptor Drain 40" with daylight drain. On Design SketchManagement Entity Required: ☐ Yes ☒ No Minimum O&M Requirements: _____

Permit conditions:

Follow NV5 Engineers and Consultants Design and Layout.

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: Ren Levocz

Date: 09/29/25

Authorized Agent's Signature: _____

Expiration Date: 09/29/2030

Owner/Legal Representative Signature: _____ Date: _____

***See attached site sketch**

Harnett County Environmental Health

SITE SKETCH

PIN 0663-51-5982.000

Permit Number EH2506-0017

GREENE ANGELA & GREENE ANDREW

HONEYCUTT HILLS LOT#24

Applicant's Name

Ren Levocz

Subdivision/Section/Lot Number

09/29/2025

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

* Follow NV5 Engineers and Consultants Design and Layout.

Honeycutt Hills lot 24

T&J Panel Block, Tap Chart (Repair System)

Bench Mark:		is = 100.00 Location of BM:						Elevation Head:		8.30			
Pump tank elev.		5.5	94.50	Pump elev.		89.10		Manifold elevation:		97.40		Spacing of Feet of 2in	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	# of Panels	Panels (in)	PVC	
1&2	Org/Blue	3.60	96.40	40	1/2in SCH 80	5.48	85.79	120	0.7149	9	6.6	16	
3&4	Wh/Org	4.00	96.00	65	1/2in SCH 40	7.11	111.31	195	0.5708	15	5.6	28	
5	Yellow	4.60	95.40	40	1/2in SCH 80	5.48	85.79	120	0.7149	9	6.6	16	
6&7	Pink/PPL	5.00	95.00	45	1/2in SCH 80	5.48	85.79	135	0.6355	10	7.3	18	
8&9	Red/Org	5.60	94.40	50	1/2in SCH 40	7.11	111.31	150	0.7421	12	3.7	22	

				Total Number of Panels:		55		
	total	feet =	240	gal/min =	30.66	T&J Panel Block Orientation: Vertical		
				<u>LTAR =</u>		0.3500		
% of Dose Volume	0	<u>Des. Flow</u>		480		<u>LTAR + %5</u> 0.3675		
Dose Volume	198.00	Pump Run=		15.66		(ltar W/ INOV) 0.7000		
Dose Pump Time	6.46	Tank Gal/IN		19.65		(ltar W/ INOV + 5%) 0.7350		
Drawdown in Inches	10.08							
				Backfill Sand Needed:		40.8 tons		
				backfill sand needed + 5%:		42.84 tons		
						Total Footage of 2in PVC:		100

Site Sketch

New Vertical PPBPS trenches/product on 6' centers.

**Bull Run Valve to split flow from ST
to new Pump System and Existing Gravity System.**

Location of proposed interceptor drain at 40" with daylight drain

Keep drain 10' upslope of existing septic field and 15' from new panel block lines!

50' ADAMS POINTE COURT
PUBLIC R/W & UTILITY

1/2" RFB
100.00
10' P.D.
36'
33.33'
33.33'
46'
Manifold
#1 Orig. 25'
#2 Blue 25'
#3 White 25'
#4 20'

Manifold

Approximate location of surface failure from existing gravity to serial/chamber system.

Use D-Boxes or Flow dividers to split flow from taps on equal length lines and use serial for unequal lines.

Repair: Pressure Manifold

Lines: 1-9, (240')

PPBPS, vertical, 6' centers

0.35 Soil LTAR

24" Trench Bottom with cover

GRAPHIC SCALE

$$1'' = 40'$$


Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110
Wake Forest, North Carolina 27587
Phone (919)569-6704 Fax (919)569-6703

4-Bedroom Repair Layout
Lot 24, Honeycutt Hills Subdivision
Harnett County, North Carolina

Job#: 3806

Drawn By: JH

Date: 9/5/25

Revision:

September 17, 2025

DRB Group North Carolina, LLC
c/o Mr. Kyle Soffe
ksoffe@drbgroupp.com

**Addendum to Report of Observations and Testing
Honeycutt Hills – Lot 24
417 Adams Pointe Court
Angier, North Carolina
Our Project Number 121-25-107043**

As requested, representatives of NV5 Engineers and Consultants, Inc., were recently present to evaluate the shallow subsurface conditions in the vicinity of Lot 24, which is located at 417 Adams Pointe Court within the Honeycutt Hills Subdivision in Angier, North Carolina. We understand that shallow groundwater and/or standing surface water has been encountered at this lot, and an evaluation of the existing conditions was desired. The purpose of our services was to evaluate the shallow subsurface soils, to measure the depth at which the water table was encountered, and to provide recommendations for remedial measures and management of shallow groundwater and surface water at the subject property. Our understanding of the desired services and existing conditions is based on our email, phone, and in-person conversations with representatives of DRB Group North Carolina, LLC and our review of the provided site drawings by BGE, Inc. dated April 28, 2022. Surveying to verify locations was not part of our scope of services. Locations and depths noted were provided to us by others and should be considered approximate.

A discussion of our previous investigation, our findings, and our recommendations for management of the encountered conditions was previously provided in our Report of Observations and Testing dated August 8, 2025. Our recommendations included design and installation of a curtain drain system at the septic system components present at Lot 24.

Our representatives were subsequently present at the site to observe the existing conditions with representatives of DRB Group North Carolina, LLC and Central Carolina Soil Consulting, PLLC. We were provided with Repair Layout for Prefabricated Permeable Block Panel System (PPBPS) with an interceptor drain for the septic system, designed by Central Carolina Soil Consulting, PLLC, dated September 5, 2025. The design provided is in substantial accordance with the recommendations provided in our letter dated August 8, 2025.

If you have any questions concerning this information, please contact us.

Sincerely,

NV5 Engineers and Consultants, Inc. (F-1333)

William B. Strayhorn

William B. Strayhorn, P.G.
Senior Registered Geologist

Justin R. Pescosolido

Digitally signed by Justin R. Pescosolido
Date: 2025.09.17
12:00:39-04'00'

Justin R. Pescosolido, P.E.
Principal Geotechnical Engineer

