



OPERATION PERMIT

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only

*CDP File Number 417421 - 1
County ID Number: _____
Evaluated For: NEW

Property Owner: Eastwood Homes Of Raleigh LLC
Owner Address: 7101 Creedmoor Rd Suite 115

City: Raleigh
State/Zip: NC/ 27613
Phone #:
Address: 135 Green Haven Blvd
Youngsville, NC 27596

Road #:
Township:
Subdivision: The Retreat at Green Haven
Phase: NEW Lot: 1

Structure: SINGLE FAMILY
of Bedrooms: 4
of People: 5
Water Supply: PUBLIC
Saprolite System?: ☐ Yes ☒ No
Pump Required?: ☒ Yes ☐ No
Design Flow: 480
System Classification/Description: TYPE II A. CONV SYSTEM
(SINGLE-FAMILY OR 480 GPD OR LESS)

Installer: *Adcock*

Certification #:

Specific System EZFLOW EZ 1203H-GEO
Installed:
STB: 814
PT: 53

Septic Tank Date: _____

Pump Tank Date: _____

Comments:

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.

PERMIT CONDITIONS:

- i. Performance: System shall perform in accordance with Rule .1301.
- ii. Monitoring: As required by Rule .1301.
- iii. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

Other:

Subsurface Operator Required: ☐ Yes ☒ No

If yes, see attached sheet for additional operation conditions, maintenance and reporting.

Operation:

Other:

Authorized State Agent: Leonard, Shad

Date of Issue: 04/15/2025

Owner/Applicant: _____



Lot 1

Parcel ID: 044235
File # 417421 PIN# _____

Property Address: 135 Green Haven Blvd

Applicant or Owner Name: Eastwood Hms

Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

☒ Septic Improvement Permit ☒ Septic Construction Authorization (CA) ☐ CA Reissue** ☐ As Built
☐ Well Construction Authorization ☒ Additional Diagram/Specifications Attached

Diagram Date: 9-9-2024 EHS: Joni Jones

**Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.

Installation/grouting inspections may be scheduled the day before, or, the day of installation until 9am by contacting the Environmental Health office at 919 496 8100. A revisit fee may apply if installation is not ready for inspection at the time requested. Septic Operations Permits will be issued after installation is approved, all permits conditions are met, and any outstanding fees are paid. Well Certificate of Completion will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

Septic Tank 1000 Pump Tank 1000 Drainfield 3'x400' Type System Accepted Pump/Pressure Manifold 26"

Septic Contractor Adcock Septic/Pump tank dates 8/14/53 Max Trench Depth 26"

Well Contractor _____ Head _____ Pump fee? NO YES pd. 2-5-25

Bedrooms: 4

*Drawing submitted by Soil Scientist

Please install septic system in accordance with attached design sheet(s) submitted by CCSC. Respect all setbacks.

> Enclosures / Attachments

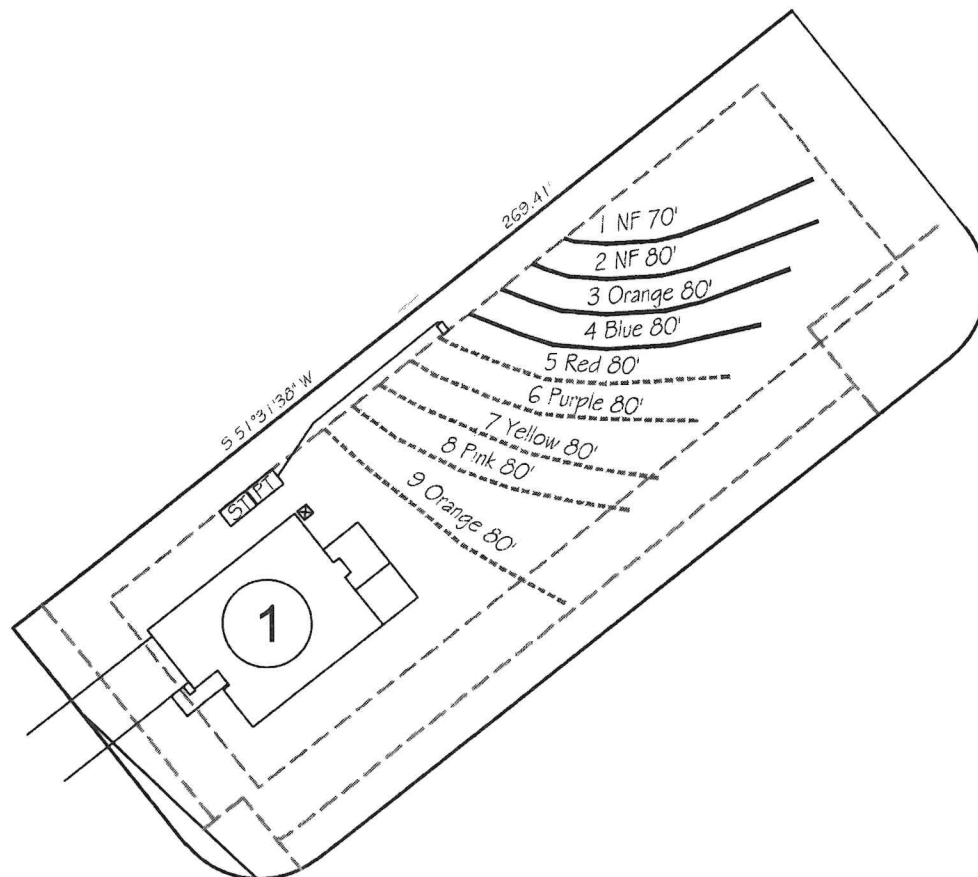
280 Liberty
SJE

EZFlow

Supplyline
1478'
80'

- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

System: 
Repair: 



System: Pressure Manifold
Lines: 5-9, (400')
Accepted Status System
0.3 Soil LTAR
26" Trench Bottom

Repair: Pressure Manifold
Lines: 1-4, (310')
T&J Panel 50% Reduction
0.3 Soil LTAR
26" Trench Bottom

GRAPHIC SCALE
1" = 50'



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 Septic Layout
Lot 1, Green Haven Subdivision
Franklin County, North Carolina

Job# : 2585
Drawn By : AH
Date : 08/15/2024
Revision:

Green Haven S/D Lot 1 Initial System TAP CHART

Bench Mark:								Elevation Head:	10.70
Pump tank elev.		9.2	90.80	Pump elev.	85.40	Manifold elevation:			96.10
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Purple	4.90	95.10	80	1/2in SCH 40	7.11	96.00	240	0.4000
6	Yellow	5.50	94.50	80	1/2in SCH 40	7.11	96.00	240	0.4000
7	Pink	6.20	93.80	80	1/2in SCH 40	7.11	96.00	240	0.4000
8	Orange	7.40	92.60	80	1/2in SCH 40	7.11	96.00	240	0.4000
9	Blue	8.50	91.50	80	1/2in SCH 40	7.11	96.00	240	0.4000
		total	feet =	400	gal/min =	35.55		<u>LTAR =</u>	0.3000
								<u>LTAR + %5</u>	0.3150
% of Dose Volume	72	<u>Des. Flow</u>			480	(ltar W/ INOV)			0.4000
Dose Volume	187.20	Pump Run=			13.50	(ltar W/ INOV + 5%)			0.4200
Dose Pump Time	5.27	Tank Gal/IN			19.65				
Drawdown in Inches	9.53								

Green Haven S/D Lot 1 T&J Panel Block Repair System, TAP CHART

Bench Mark:								Elevation Head:		13.50			
Pump tank elev.		9.2	90.80	Pump elev.	85.40		Manifold elevation:		98.90		Spacing of	Feet of 1.5in	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	# of Panels	Panels (in)	PVC	
1	NF	2.10	97.90	70	1/2in SCH 40	7.11	120.00	210	0.5714	16	6.1	60	
2	NF	2.80	97.20	80	1/2in SCH 40	7.11	120.00	240	0.5000	18	6.9	68	
3	Orange	3.30	96.70	80	1/2in SCH 40	7.11	120.00	240	0.5000	18	6.9	68	
4	Blue	3.80	96.20	80	1/2in SCH 40	7.11	120.00	240	0.5000	18	6.9	68	
		total feet =	310	gal/min =	28.44	Total Number of Panels:		70					
						T&J Panel Block Orientation:		Horizontal					
						LTAR =		0.3000					
						LTAR + %5		0.3150					
						(ltar W/ INOV)		0.6000					
						(ltar W/ INOV + 5%)		0.6300					
% of Dose Vol.	0	Des. Flow		480									
Dose Volume	350.00	Pump Run=		16.88									
Dose Pump Time	12.31	Tank Gal/IN		19.65									
Drawdown in Inches	17.81												
		Backfill Sand Needed:		52.7 tons					Total Footage of 1.5in PVC:		264		
		backfill sand needed +5%:		55.34 tons									