manf-2025-81679

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

ST

PERMIT : OSWP 2025-846664

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4863-00-5947

APPLICANT/OWNER: Vickie Adams | APPLICANT ADDRESS: 2600 Harden Blvd Lakeland FL 30833

SITE ADDRESS: 538 Eagle Mills Rd Hamptonville NC 27020 ✓ | PHONE: 678-232-4924 | ALT. PHONE

SITE DIRECTIONS: I77 N → (R) 901 → (L) Eagle Mills | SAP CONTROLLED: ☐ YES ☒ NO

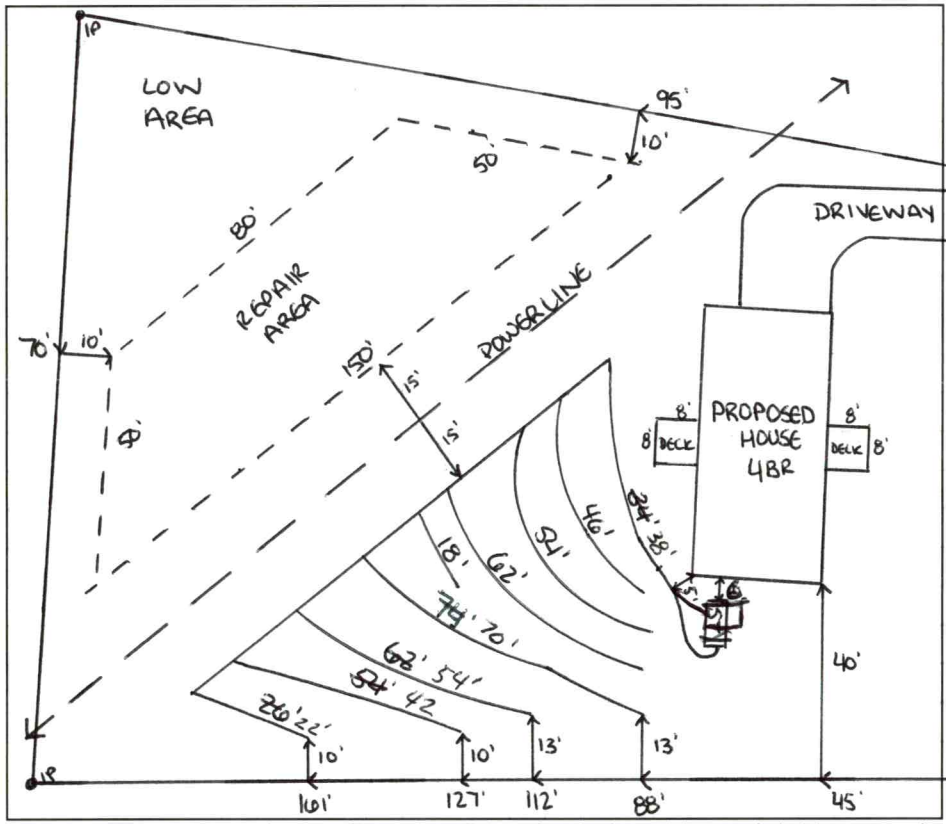
SUBDIVISION: Eagle Ridge ✓ | SECTION: – | LOT # 9 ✓ | LOT AREA: 0.709 | DESIGN FLOW: 480 | L.T.A.R.(Initial): 0.3 | L.T.A.R (Repair): 0.3

Septic Tank	1000 (gal)	STB	854	Date	–	☒ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank	(gal)	PT		Date		System Description:	GRAVITY 25% REDUCTION	☐ Business	No. Persons 8	☐ Private
Pump Make		Model		Serial #		Repair System Description:	VPPBPS	☐ Other	No. Employees	☒ Public
# Nitrification Fields	1	# Lines	9	Linear Ft	400'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space	☐ Community
Trench Width	36"	*Max. Trench Depth(Initial)	32"	*Max. Trench Depth(Repair)	32"	Gravel Depth	–	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 48" | Usable Depth to LC (Repair): 48" | *Limiting Condition*

Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. See attached easement for repair area. Keep 5' from power line.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

INSTALLED AS SHOWN

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE | Date: – | Installed by: A-1 BACKHOE

IMPROVEMENT PERMIT by: Sarah Williams | Date: 10/14/2025 | OPERATION PERMIT by: Bryant C. White | Date: 10-17-2025

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 10/14/2025 | Existing System Inspected by: | Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4863-60-5947
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: VICKIE ADAMS DATE EVALUATED: 7/29/25
ADDRESS: 2600 Harden Blvd Lakeland FL 30833
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: 0.709 AC
LOCATION OF SITE: 538 Eagle Mills Rd Hamptonville NC 27020 PROPERTY RECORDED: Y
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 10'
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 5-7%	0-9	C SBK	SS SP SE FR	few PM throughout common SAP/M in CL few Rock D/C	(44)		—	S 0.3	4"
		9-27	C ABK	↓						
		27-44	CL ABK	↓						
		44-56	SL SAP M	NS NP SE VFR						
2	LS 9-12%	0-11	CL PLOW	SS SP SE FR	SAP incl 24"+	(48)		—	S 0.3	4"
		11-30	C ABK	↓						
		30-48	CL WABK	↓						
3	LS 5-7%	0-10	CL PLOW	SS SP SE FR	few PM SAP incl 23"+	(49)		—	S 0.3	3"
		10-26	C ABK	SS SP SE FR						
		26-49	CL ABK	SS SP SE FR						
4	LS 7-9%	0-27	C ABK	SS SP SE FR	common SAP incl in CL	(49)		—	S 0.3	4"
		27-49	CL ABK	SS SP SE FR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	~~500~~	267
System Type(s)	~~25%~~	VPPBPS
Site LTAR	0.3	0.3
Maximum Trench Depth	32"	32"

SITE CLASSIFICATION (.0509): S 0.3
EVALUATED BY: S. Williams
OTHER(S) PRESENT: _____

Comments: _____

LEGEND

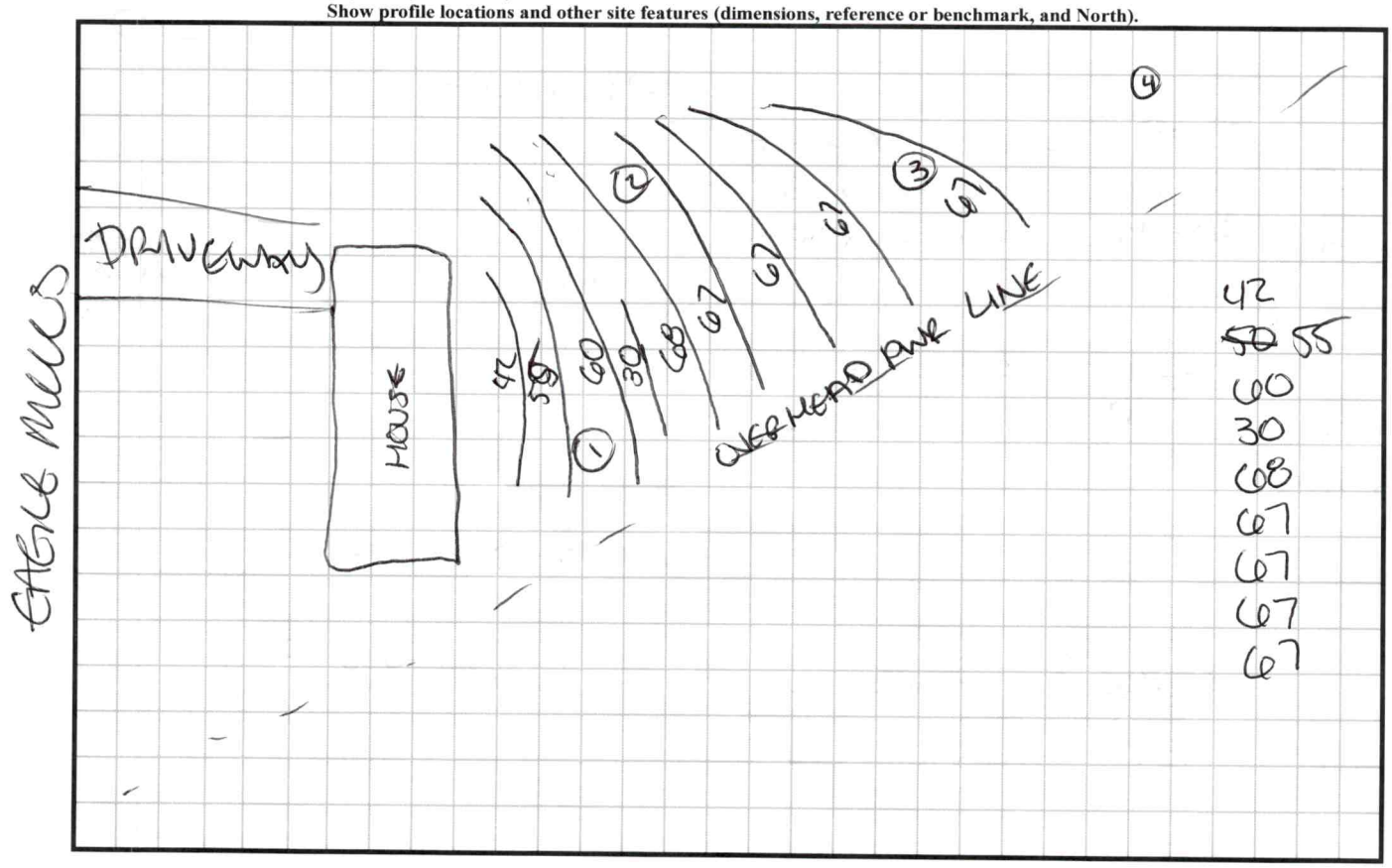
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

84/62
PLAT

Show profile locations and other site features (dimensions, reference or benchmark, and North).



SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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DIVISION OF PUBLIC HEALTH
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COUNTY: IREDELL

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	LS 10-12%	0-17	C SBK	SS SP SE FR		(49)				
		17-49	CL WABK	↓				–	S 0.3	4"
					common SAP 19"+ heavy 40"+					
	LS 10-12%	0-32	C SBK	SS SP SE FR		(48)				
		32-48	CL WSBK	↓				–	S 0.3	4"
					common SAP incl 32"+ few rock/PM 24"-32"					

COMMENTS: