ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT: OSWP 2024-53477

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

PIN #4765 -61 -0947

APPLICANT/OWNER: Cameron Foust APPLICANT ADDRESS: 518 Lakeview Dr Mooresville, NC 28107

SITE ADDRESS: 119 Redwood Ln Statesville NC 28625 PHONE: (704) 902-1263 ALT. PHONE -

SITE DIRECTIONS: US-64 E, Bell Farm, Maple Leaf, Redwood SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Cedar Hills SECTION: - LOT # 86 LOT AREA: - DESIGN FLOW: 360 L.T.A.R.(Initial): - L.T.A.R (Repair): .3

Septic Tank	1000	(gal)	STB	760	Date		☐ New System	☑ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description: -				
Pump Make		Model			Serial #		Repair System Description:	Double Stone Bed 32x12			
# Nitrification Fields	1	# Lines	Bed		Linear Ft	32x12	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	2ft	*Max. Trench Depth(Initial)	✓		*Max. Trench Depth(Repair)	40in	Gravel Depth	24in	☑ GRAVITY	☐ PRESSURE	

* Measured on the downhill side of the trench

Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

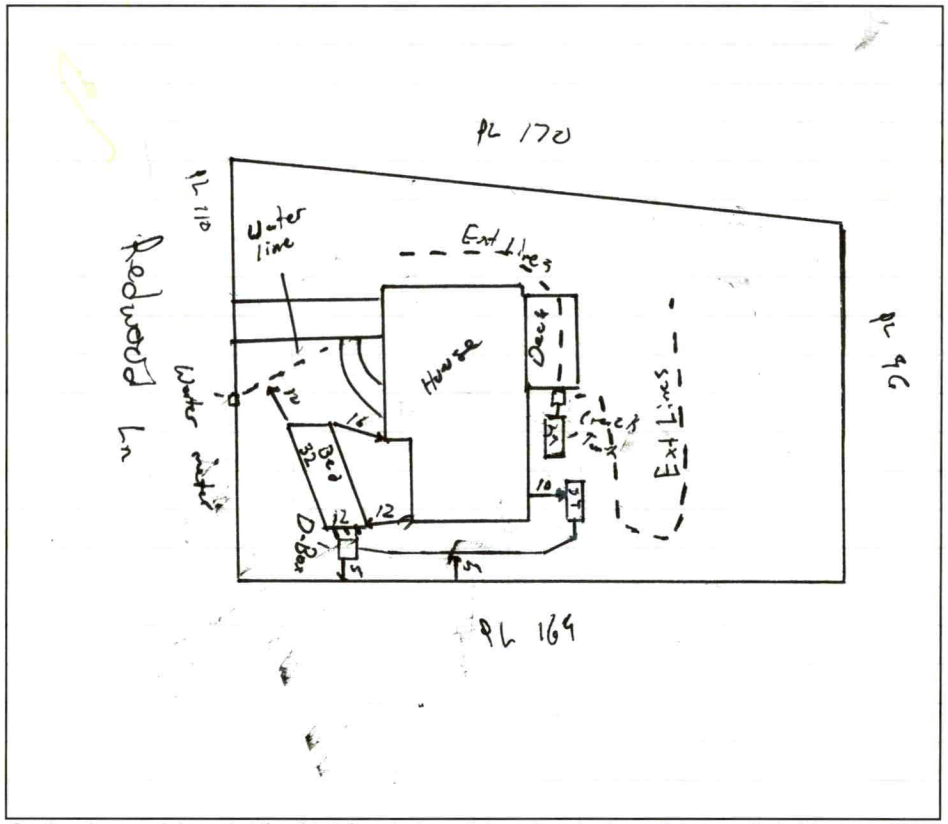
Usable Depth to LC (Initial): -

☑ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees		☑ Public
☑ Slab	☐ Crawl Space		☐ Community
☐ Basement w/plumbing		☐ Basement w/o plumbing	

Usable Depth to LC (Repair): 60in *Limiting Condition*

Comments / Conditions: Keep system 10ft off the water line or water line will need to be relocated. Keep supply line and O-Box 6ft off property line. Pump, crush, fill septic tank. Cut off and abandon lines.

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 drawn. Water line 12' from system.

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 Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Matt Wi ✓ Date: 7/2/24 OPERATION PERMIT by: Sarah Williams ✓ Date: 9/6/2024

AUTHORIZATION TO CONSTRUCT by: Matt Wi ✓ Date: 7/2/24 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

Sheet 1 of 1
PROPERTY ID #: 4765610947
COUNTY: Iredell

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

OWNER: Cun Fast
APPLICATION DATE 5/14/24
ADDRESS: 518 Lakeview Rd
DATE EVALUATED: 6/28/24
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: -
LOCATION OF SITE: 114 Redwood Ln
PROPERTY RECORDED: yes
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 6%	0-13	L 1BK	ss sp fr se	>	40	Lith 30+ with Sap	-	PS .3
		13-25	SCL 1BK	ss sp fr se					
		25-40	CL 1BK	ss sp fr se					
		40? 72	LSAP/M	-					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	X	32 x 12
System Type(s)		Bed
Site LTAR		.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

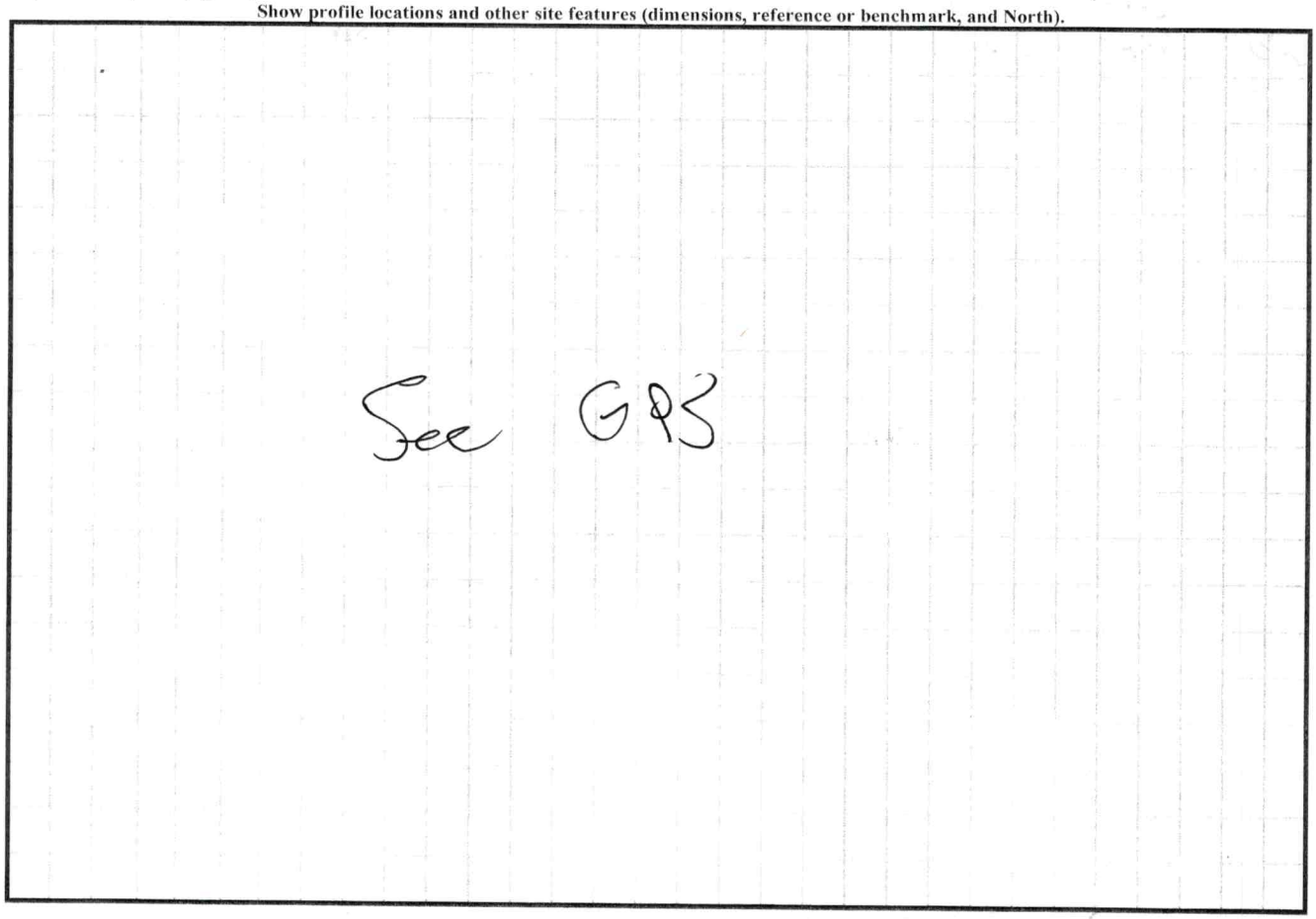
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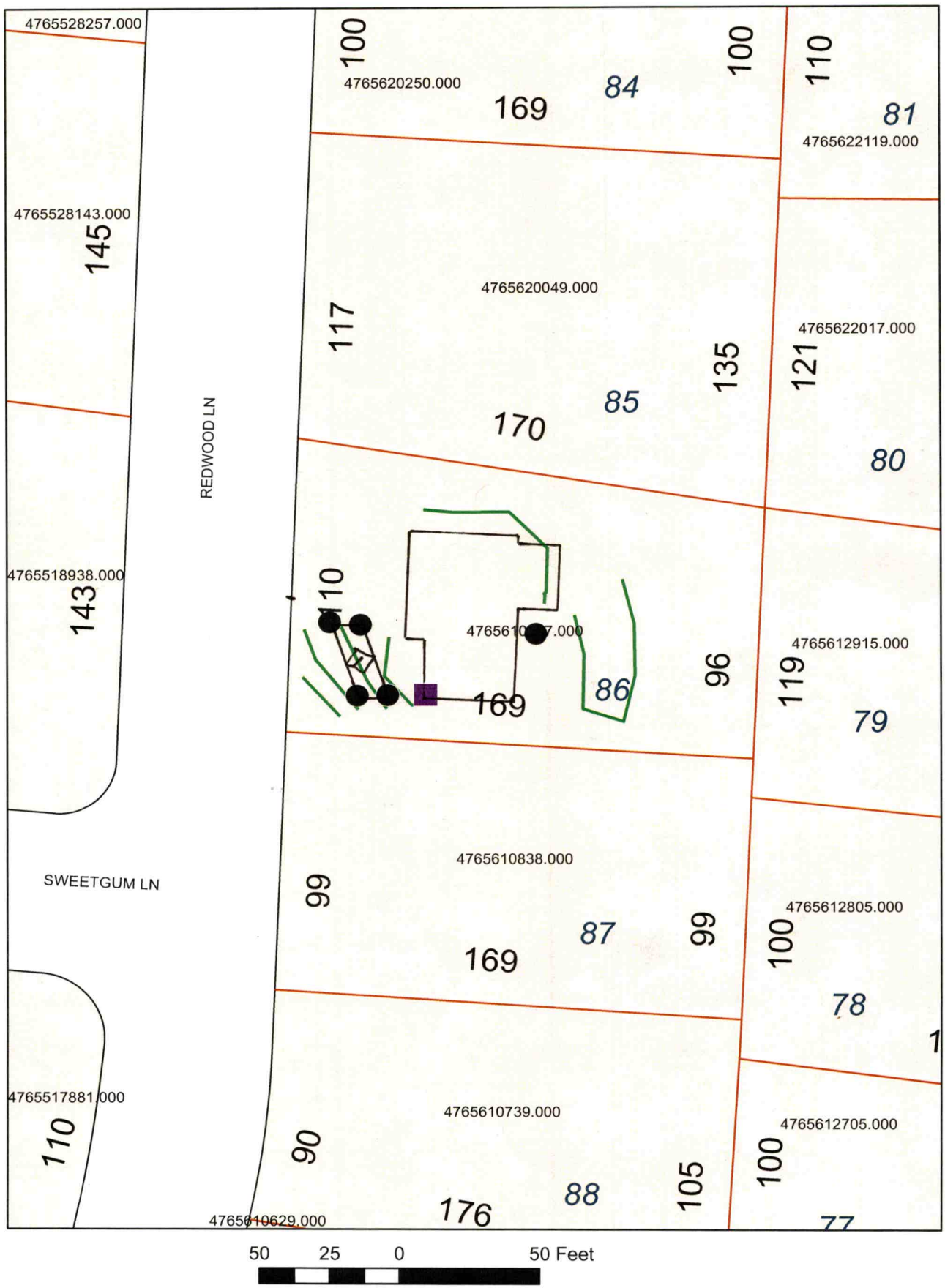
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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




4765528257.000
4765528143.000
145
REDWOOD LN
4765518938.000
143
SWEETGUM LN
4765517881.000
110
4765620250.000
100
169
84
100
110
81
4765622119.000
4765620049.000
117
135
85
170
4765622017.000
121
80
110
4765610838.000
99
87
169
99
4765612915.000
119
79
86
96
4765612805.000
100
78
4765610739.000
90
88
176
105
4765612705.000
100
77
4765610629.000
50 25 0 50 Feet



Tax Map Information

• PIN	4765610947.000
• Address	119 REDWOOD LN
• Account #	Acct 80090101
• Tax Owner	AO PROPCO 2 LP
• Mailing Address	199 LAFAYETTE ST
•	NEW YORK, NY 10012
• GIS Owner	AO PROPCO 2 LP
• Deed Info	2925 / 1013 - CD - 20220610
• Tax Acres	0 LT
• Lot #	86
• Description	CEDAR HILLS PB12-26-26A
• Zoning	R20
• Old Parcel #	1305S21000A086
• Bldg Value	$200,740
• OBXF Value	$4,620
• Land Value	$20,000
• Total Value	$225,360
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY, NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 05/22/2024
Data updated 03/18/2024

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

PERMIT SNAPSHOT REPORT OSWP-2024-53477 FOR IREDELL COUNTY

Permit Type Environmental Health OSWP
Work Class: EH Septic Permit
Status: On Hold
Valuation: $0.00

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wilkinson, Matthew

App Date: 05/14/2024
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: PRIORITY PERMIT REPAIR: Drainfield failure. Backing up into tank I, raising the operating level in tank, and causing issues inside the house

Parcel: 4765610947.000 Main

Address: 119 Redwood Ln Main
Statesville, NC 28625

Zone: R-20(Suburban Residential District)

Property Owner
Stephanie Vaught
Home: (813) 519-1259

Applicant/Authorized Agent
Cameron Foust
518 lakeview drive
Mcadenville, NC 28101
Business: (704) 502-1263

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Repair	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	N/A
Maximum Number of Bedrooms	3	If other Addition/Structure, please explain		Number of Occupants	4
Foundation Type	Concrete Slab Foundation	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Cameron_Foust_5/14/2024.jpg	05/14/2024 9:41	Foust, Christa		Uploaded via CSS
119 REDWOOD LN ORIGINAL SEPTIC PERMIT 1978.pdf	05/14/2024 11:55	COMEAUX, DEBRA	Available Online	ORIGINAL SEPTIC PERMIT 1978
Autho_v1.pdf	05/14/2024 11:55	Foust, Christa	Available Online	
Site Plan_v1.pdf	05/14/2024 11:55	Foust, Christa	Available Online	

Note	Created By	Date and Time Created
1. Septic company has been notified about doing an exploratory dig. Dig is likely to happen first week of June.	Matthew Wilkinson	05/15/2024 15:18

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		05/14/2024 11:55	05/14/2024 11:56
Confirm application complete v.1	Generic Action		05/14/2024 11:56
~~**Zoning Review v.1**~~			05/14/2024 11:56
~~Floodplain Admin Overview v.1~~	Task		05/14/2024 11:56
~~Issue Invoice v.1~~	Generic Action		05/14/2024 11:56
~~Fees Paid v.1~~	Generic Action		05/14/2024 11:56
Fees v.1			
Issue Invoice v.1	Generic Action		