ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT # OSWP-2022-7387

PIN # 4763-61-3940

APPLICANT / OWNER: JEREMY L PLYLER | APPLICANT ADDRESS: 313 Pilch Rd, Troutman, NC 28166

SITE ADDRESS: 109 ARBOR DR, STATESVILLE, NC 28677 | PHONE: 7043399700 | ALT. PHONE: —

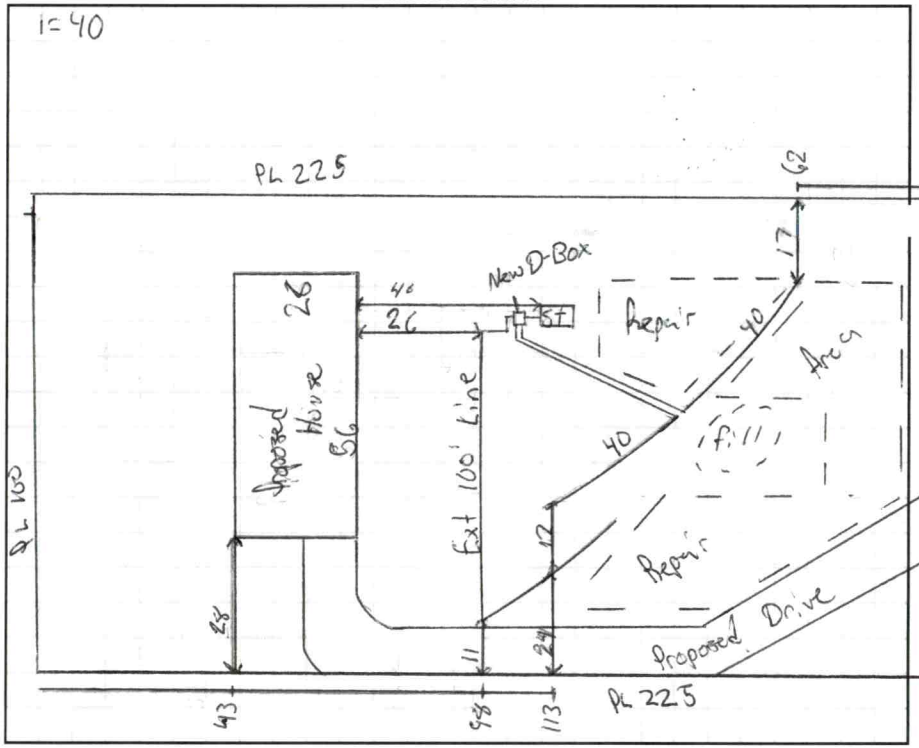
SITE DIRECTIONS: US-70 E, (B) Bethesda (C) Treeline Dr, (D) Arbor Dr | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Forest Acres | SECTION: — | LOT #: 125 | LOT AREA: 275 x 100 | DESIGN FLOW: 360 | L.T.A.R.: .275

Septic Tank: (gal) 1000	STB: Ext	Date: Ext	☐ New System ☐ Repair ☑ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Municipal Water
Pump Tank: (gal)	PT:	Date:	System Description: 50% Reduction Gravity - Horizontal		☐ Business	No. Persons: 3	
Pump Make:	Model:	Serial #:	Repair System Description: 50% Reduction Gravity - Horizontal		☐ Other	No. Employees: 0	
# Nitrification Fields: 1	# Lines: 3	Linear Ft.: Ext + 80'	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36in	Trench Bottom Depth (Low side): 24in		Gravel Depth: N/A	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Install on contour. Split feed 80 ft line into two 40ft. Avoid fill area. Replace old D-Box and possibly tank if needed.

INITIAL SITE SKETCH



AS BUILT SKETCH

* 12-19-2022 - Original Tank used. - new filter
- 2 - 40ft lines installed.
- New D-Box installed.

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: Jeremy Lee Plyler Date:

Installed By: Thompson

IMPROVEMENT PERMIT by: Matt Wiseman Date: 11/17/22

OPERATION PERMIT by: Brian A. Boster Date: 12-19-2022

AUTHORIZATION TO CONSTRUCT by: Matt Wiseman Date: 11/29/22

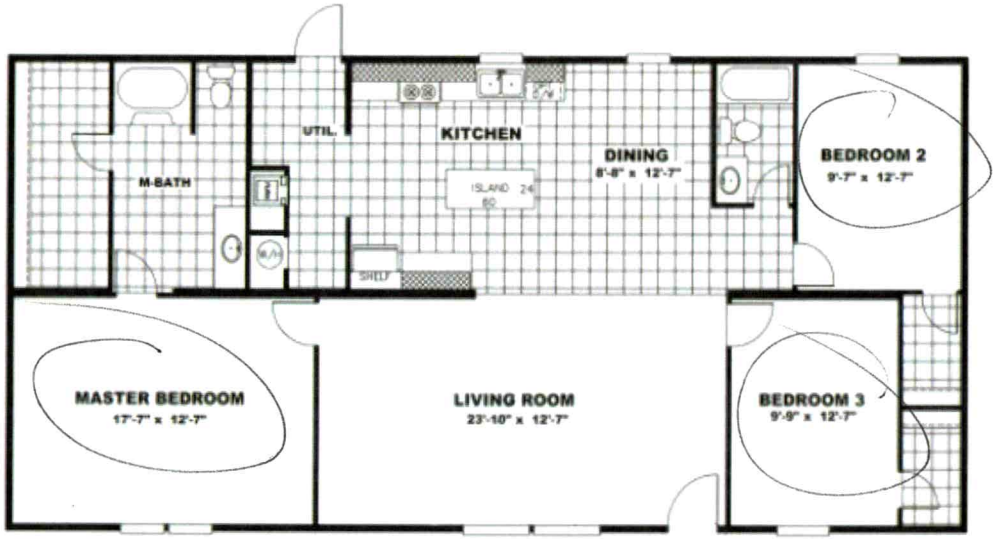
Existing System Inspected By: Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

Acknowledgement Of
Plans Submittal ONLY!

Date 11-29-22

Date 11/29/22





Tax Map Information

• PIN	4763613940.000
• Address	109 ARBOR DR
• Account #	Acct 80094566
• Tax Owner	PLYLER JEREMY L ETAL
• Mailing Address	166 NABORS RD
•	STATESVILLE, NC 28677
• GIS Owner	PLYLER JEREMY L ETAL
• Deed Info	2934 / 798 - WD - 20220720
• Tax Acres	LT
• Lot #	125
• Description	FOREST ACRES M1 PB19-56
• Zoning	RA
• Old Parcel #	1305K05000A125
• Bldg Value	$0
• OBXF Value	$6,250
• Land Value	$9,900
• Total Value	$16,150
• 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.

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

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

Sheet 1 of 1
PROPERTY ID #: 47636/3540
COUNTY: Iredell

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

OWNER: Jeremy L Plyler
APPLICATION DATE
ADDRESS: 313 Pilch Rd, Troutman 28166
DATE EVALUATED: 11/5/22
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 225 x 100
LOCATION OF SITE: 105 Acbar Dr
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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 7%	0-6	SCL/GR	NS MP FR SE	YB 46-51	51	-	-	PS .275
		6-30	C/SBK	SS SP FR SE					
		30-51	C/ABK	SS SP FR SE					
2	LS 8%	0-9	SCL/SBK	SS-SP-FR-SE/P	→ Sap Inc	51 36"+	-	-	P.S .275
		9-51	C/ABK	SS-SP-FR-SE/P					
3	LS 8%	0-14	Fill	Mixed	Some YB	60 23"+	-	-	PS .25
		14-48	C/ABK	SS-SP-FR-SE/P					
		48-60	CL/SBK	SS-SP-FR-SE/P					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	50%	50%
Site LTAR	.275	.25

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

COMMENTS: Replace D-Box

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very 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.

NOTES

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).

