ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP 2023-18008

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / Repair PIN # 4703 -- 66 -- 3141

APPLICANT/OWNER: Danny Trautman APPLICANT ADDRESS: 232 Davie Ave, Statesville, NC 28677

SITE ADDRESS: 133 N Shady Rest Rd, Statesville, NC 28677 PHONE: 704-902-9245 ALT. PHONE –

SITE DIRECTIONS: Ⓑ W Front St, Ⓛ Newton Dr, Ⓡ N Shady Rest SAP CONTROLLED: ☐ YES ☑ NO

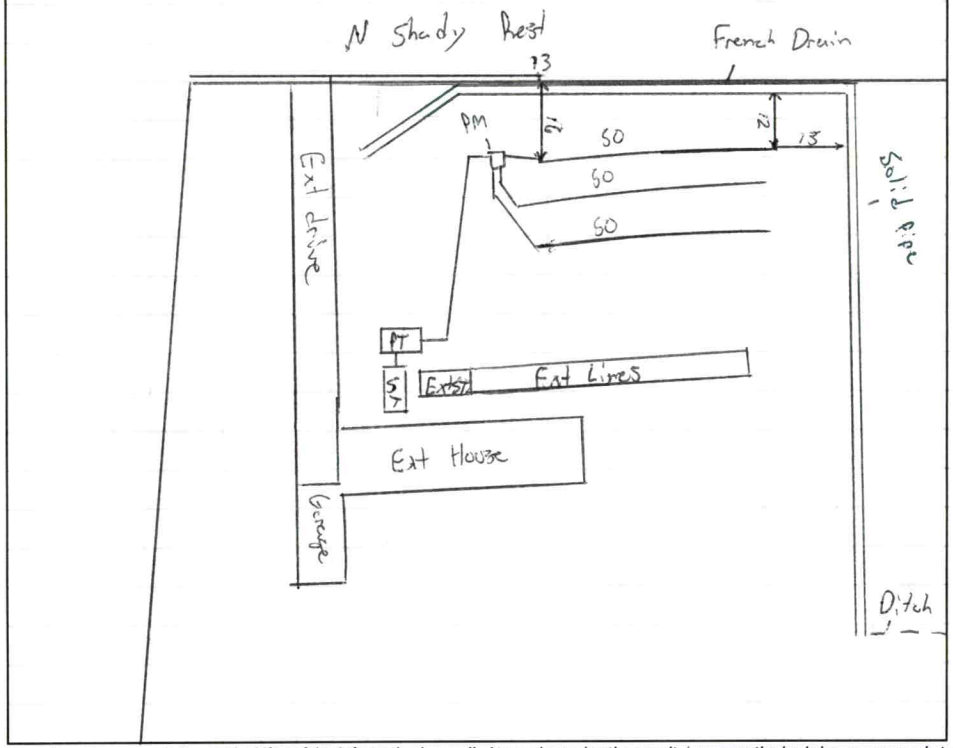
SUBDIVISION: – SECTION: – LOT #: – LOT AREA: – DESIGN FLOW: 240 L.T.A.R.: .2

Septic Tank 1000 (gal)	STB 760	Date 2-1-23	☐ New System ☑ Repair ☐ Expansion System Type: I II (III) IV V VI			☑ Residence	No. Bedrooms 2	Water Supply	
Pump Tank 1000 (gal)	PT 363	Date 2-14-23	System Description: 25% Reduction - PM			☐ Business	No. Persons 4	☐ Private	
Pump Make	Model	Serial #	Repair System Description:			☐ Other	No. Employees	☑ Public	
# Nitrification Fields 1	# Lines 3	Linear Ft 150	Maintenance Agreement Required: ☐ YES ☑ NO			☐ Slab	☑ Crawl Space	☐ Community	
Trench Width 36in	Trench Bottom Depth(Low side) 14in	Gravel Depth N/A	☐ GRAVITY ☑ PRESSURE			☐ Basement w/ plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Install on contour with 8ft on centers, Pump, crush, fill old tank and dem off old system, French drain will run on the property line 6ft in the ground. Approved 4in of cover needed. Run solid pipe from French Drain down to ditch in pasture. Place poly plastic on downhill side of drain. French drain to have 1% fall.

INITIAL SITE SKETCH

1=40



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.

Taps
All lines: 1/2" sch 80 27.11
Flow: 21.33
Dose: 68.25
Time: 3.23
Drawdown: 3.25

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 Wu Date: 3/7/23 OPERATION PERMIT by: Matt Wu Date: 4/5/23

AUTHORIZATION TO CONSTRUCT by: Matt Wu Date: 3/7/23 Existing System Inspected by: Date:

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

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 #: 4703613141
COUNTY: Iredell

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

OWNER: Danny Trautman
ADDRESS: 232 Davie Ave, Statesville
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: 133 N Shady Rest
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: (Auger Boring) Pit Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE
DATE EVALUATED: 3/14/23
PROPERTY SIZE: -
PROPERTY RECORDED: yes

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ.	PROFILE CLASS & LTAR
1	LS 5%	0-13	~~A~~ Plow		2.5YR 6/4 at 24 2.5 5/1 * at 26 10YR 6/6 * Mottles	24		Water into pit at 34	~~PS~~ PS .2 Shallow
		13-48	C/SABK PL	VS P Fr SE					
2	LS 5%	0-12	Plow		2.5YR 6/2 at 16	32	-	Platy w/ 10YR 6/1 at 25 Water at 24	On
		12-32	C / Platy at 25						
3	LS 5%	0-12	Plow		2.5Y 6/2 at 19	33		Water coming in at 33	.1 Drip
		12-22	SC/W SBK						
		22-33	CL SABK						
4	LS 5%	0-12	Plow		2.5Y 5/4 at 26 TB at 12+			Large rocks with CL	PS .2 Shallow
		12-26	C	SP Fr SE					
		26+	CL/ABK	S P Fi SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		130
System Type(s)		25%
Site LTAR		.2

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

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.

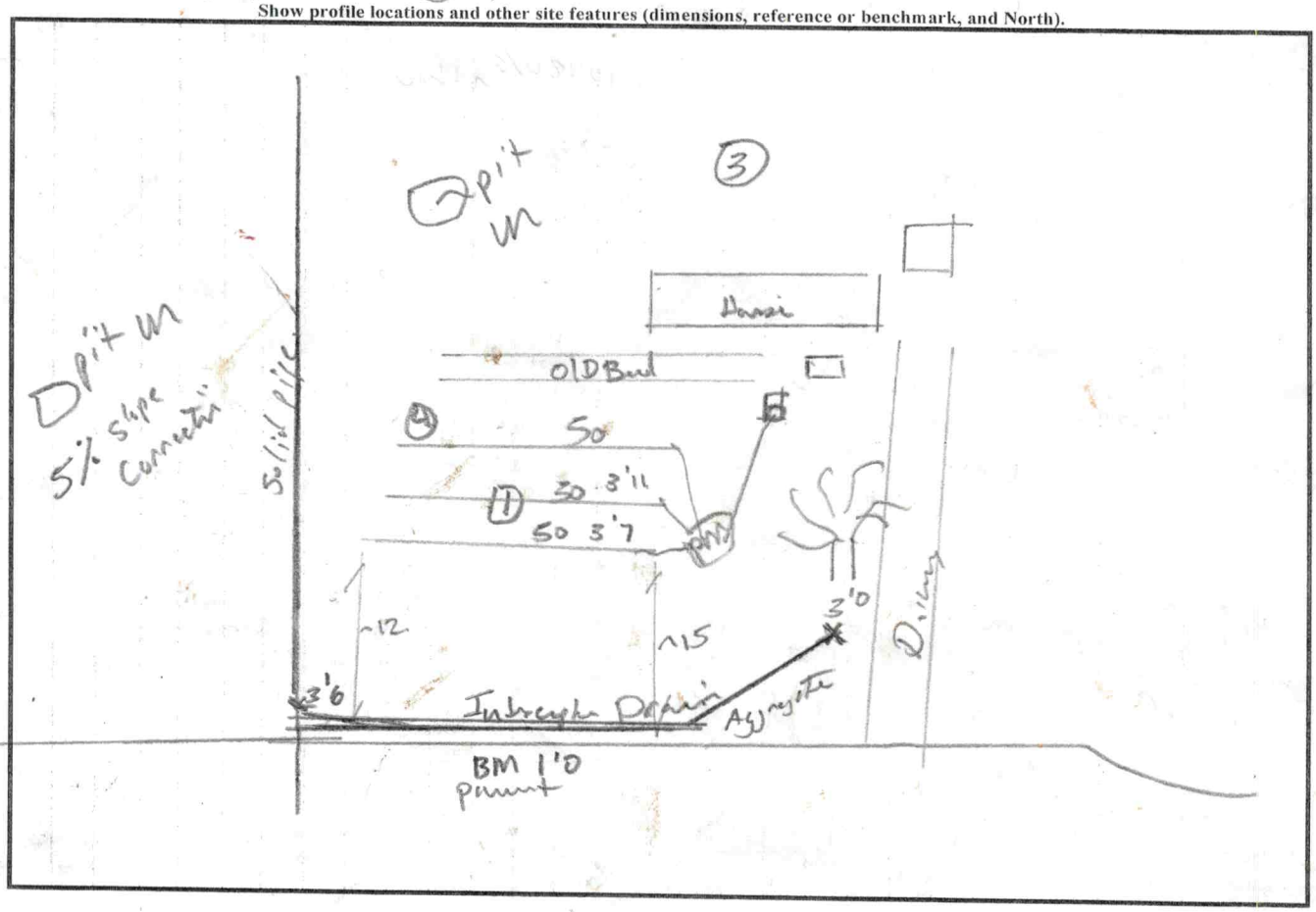
NOTES

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/ft²

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



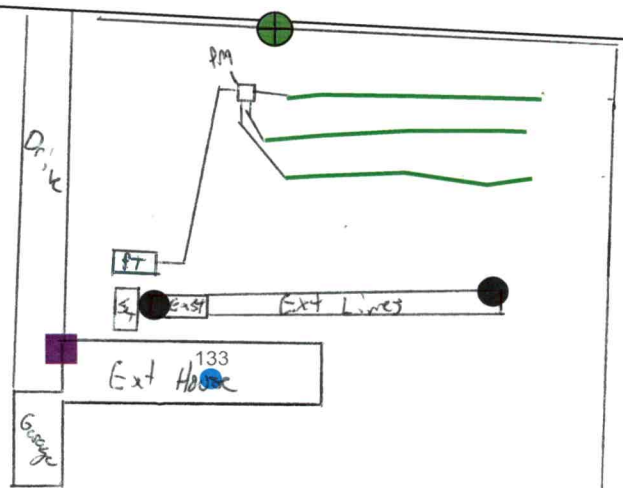
102

4703-57-5589

4703-68-8047

1 = 40

N Shady Rest Rd



4703-66-0001

4703-66-3141

385

4