ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2025-70332

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

PIN # 4703 - 28 - 1952

APPLICANT/OWNER: Sonny Messick APPLICANT ADDRESS: 265 Mock Mill Rd, Statesville 28677

SITE ADDRESS: 265 Mock Mill Rd, Statesville 28677 PHONE: 704-902-8566 ALT. PHONE -

SITE DIRECTIONS: Old Mtn - Mock Mill SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 4.64 DESIGN FLOW: 360 gpd L.T.A.R.(Initial): - L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB		Date		☐ New System	☒ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT		Date		System Description: -				
Pump Make			Model		Serial #		Repair System Description:	25% reduction			
# Nitrification Fields	1	# Lines	5	Linear Ft	300'		Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36in	*Max. Trench Depth(Initial)	-	*Max. Trench Depth(Repair)	31in	Gravel Depth	-	☐ GRAVITY	☒ PRESSURE		

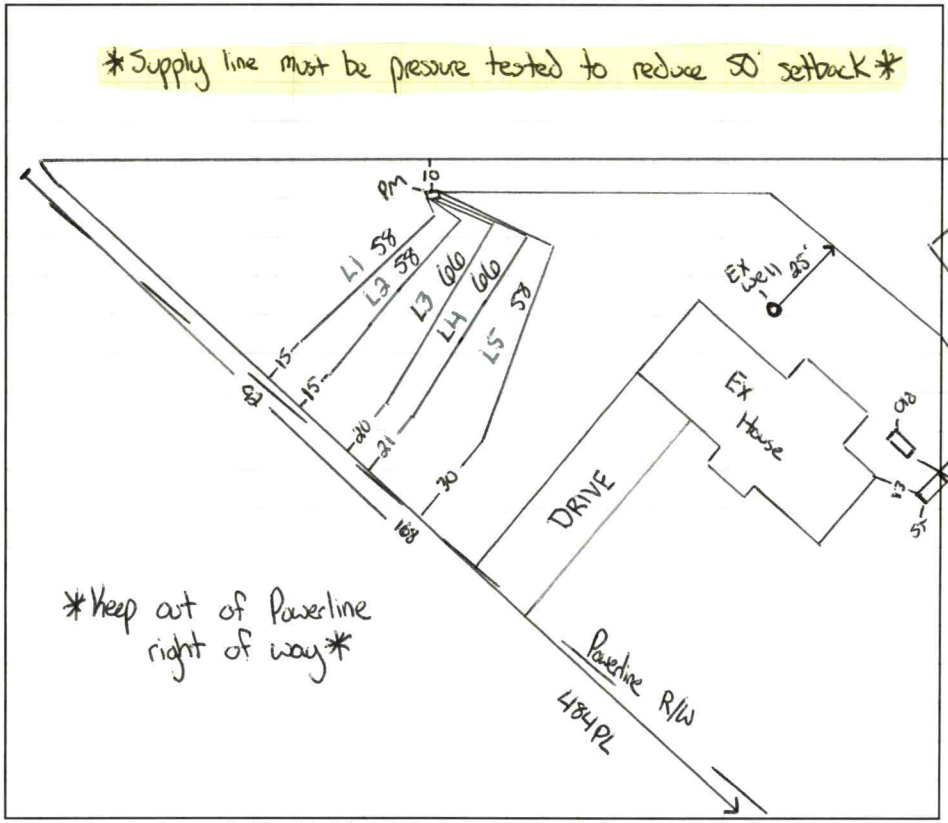
* Measured on the downhill side of the trench Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 Usable Depth to LC (Initial): -

☒ 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): 48 in *Limiting Condition*

Comments / Conditions: Pump, crush, & fill old tank. Install on contour with the land

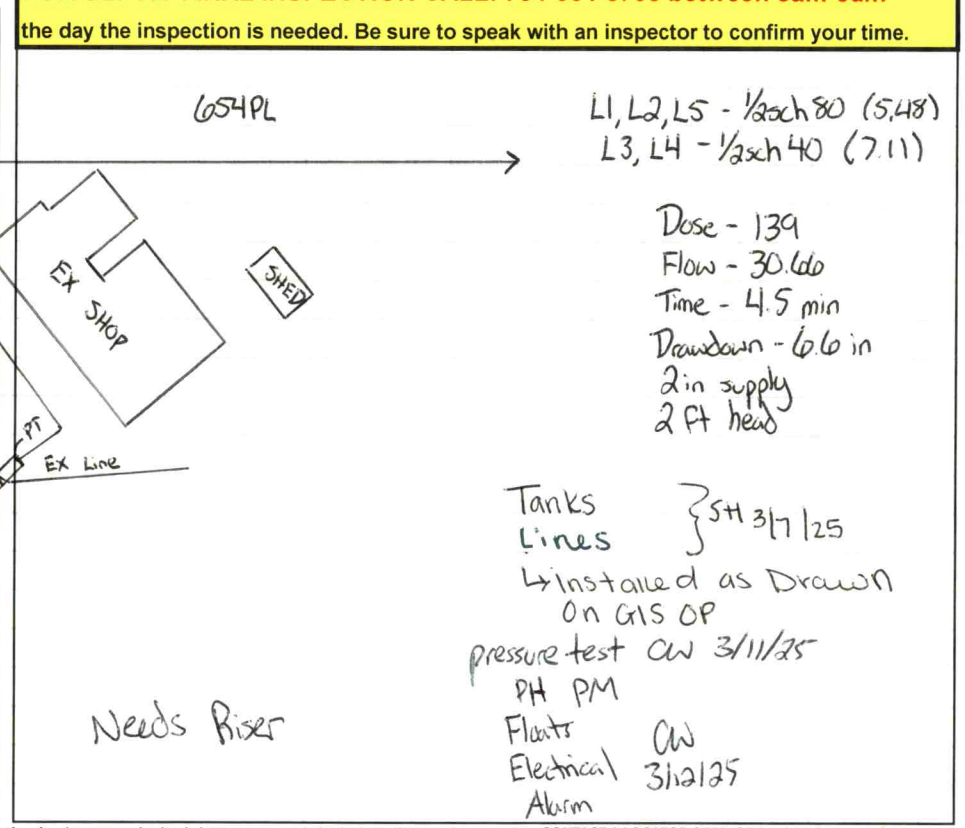
INITIAL SITE SKETCH



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.



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:

IMPROVEMENT PERMIT by: Cory Hill Date: 2/19/25

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 2/19/25

Installed by: Eli Pope

OPERATION PERMIT by: Cory Hill Date: 3/18/25

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 #: 4703281952
COUNTY: Iredell

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

OWNER: Sonny Messick DATE EVALUATED: 1/19/25
ADDRESS: 265 Mock Mill Rd
PROPOSED FACILITY: 3 bd/c home PROPOSED DESIGN FLOW (.0400): 360 gpd PROPERTY SIZE: 4.64
LOCATION OF SITE: 265 Mock Mill Rd, Statesville PROPERTY RECORDED: yes
WATER SUPPLY: X Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 10'
EVALUATION METHOD: X Auger Boring ~~X~~ Pit Cut TYPE OF WASTEWATER: X 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	3% Head	0 - 10	PLOW		10yr 6/2 at 14"+	48	-	-	US	2
		10 - 48	C ABK	S P FR EXP						
2	10% LS	0 - 20	Fill		10yr 6/2 at 24"+	40	Heavy Rock thru out		US	4
		20 - 40	C ABK	S P FR SE						
3	10% LS	0 - 24	C ABK	S P FR SE	-	48	SAP inc in CL layer		.3 S	4
		26 - 48	CL SBK	SS SP FR SE						
4	12% LS	0 - 26	C ABK	S P FR SE	-	48	SAP inc in CL layer		.3 S	5
		26 - 48	CL SBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	X	S
System Type(s)		25%
Site LTAR		.3
Maximum Trench Depth		36in

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Sydney Holland

Comments: _____

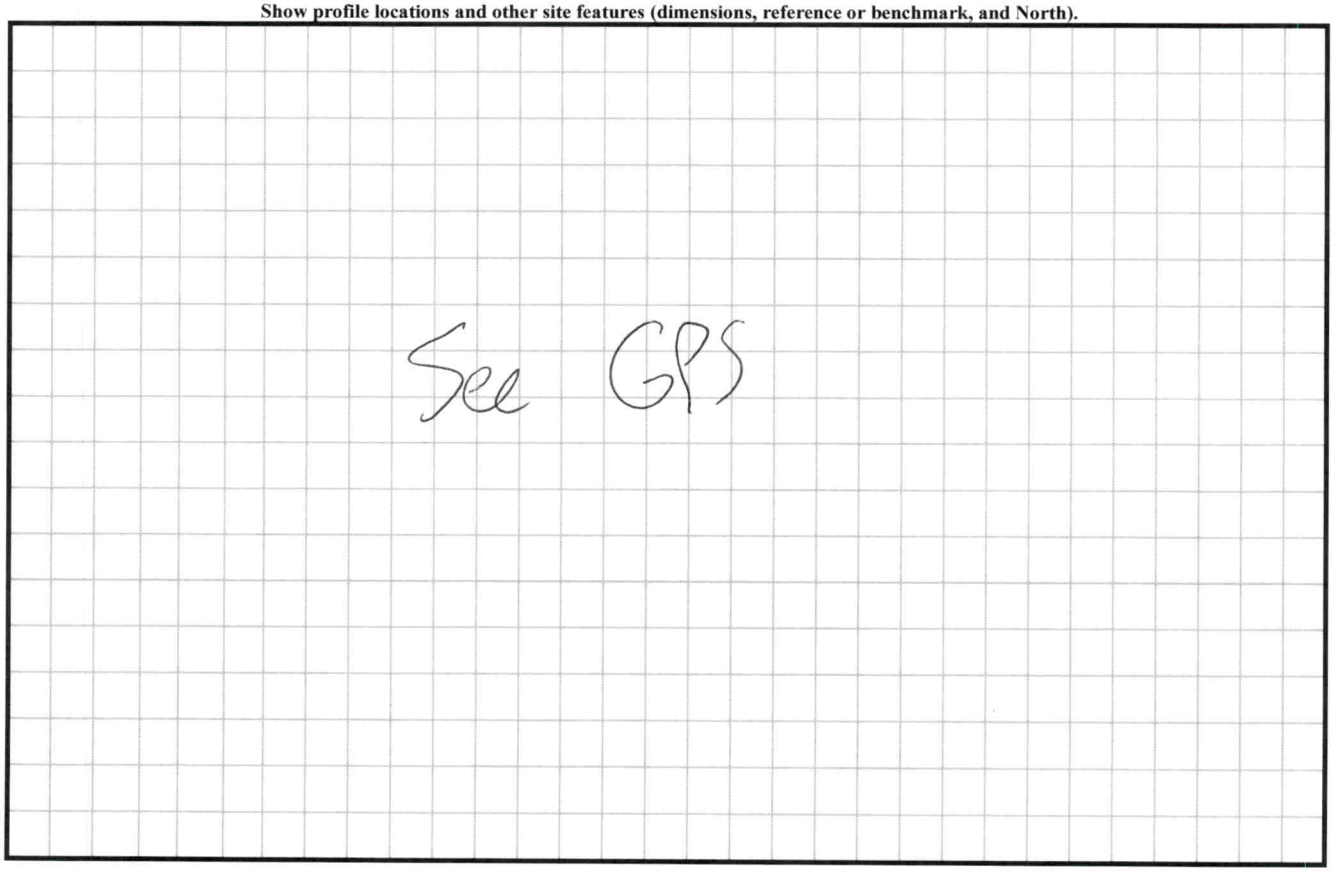
LEGEND

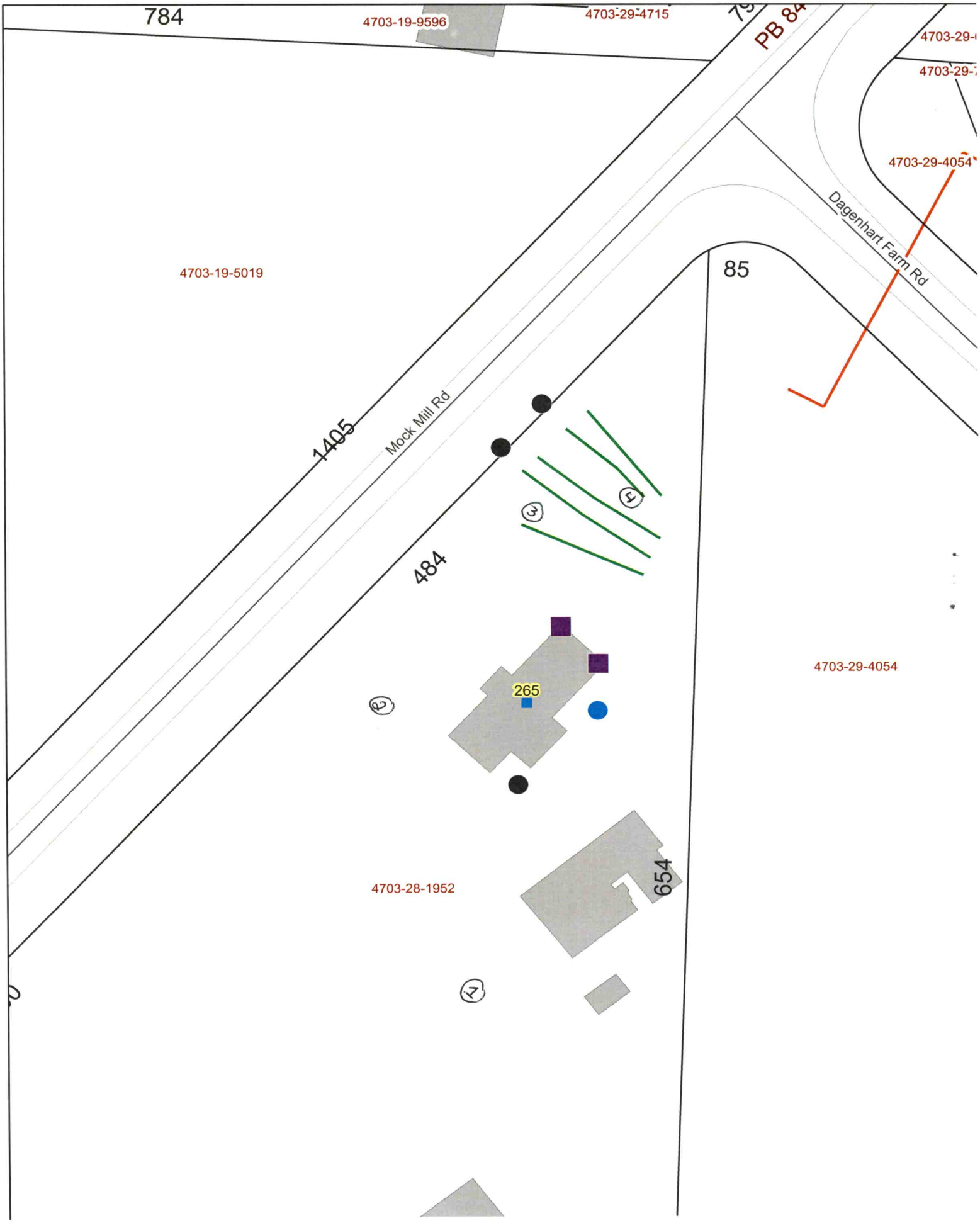
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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)

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




784
4703-19-9596
4703-29-4715
PB 84
4703-29-4054
Dagenhart Farm Rd
85
4703-19-5019
1405
Mock Mill Rd
484
265
4703-29-4054
654
4703-28-1952