Permit/File #:	



ROY COOPER • Governor

KODY H. KINSLEY · Secretary

MARK BENTON • Chief Deputy Secretary for Health

SUSAN KANSAGRA • Assistant Secretary for Public Health

Division of Public Health

Submittal Includes:	(a2) Improvement Permit	(a2) Construction Authorization	Fee \$	
	IMPROVEM	ENT PERMIT FOR G.S. 130A-3	35(a2)	
County: Harnett				
	19-69-7624.000			
Issued To: LGI Hor	nes NC LLC			
	Teepee Drive, Lillingtor			130000000000000000000000000000000000000
Subdivision (if applicab	_{le)} Boone Trail Village Ph	nase 1 Lot #: 42	Block:	Section:
LSS Report Provided: Y				
If yes, name and license	e number of LSS: Scott Mitche	ell - 1237		
New Facility Type: Single	Expansion -Family Dwelling Unit	System Relocation	Change of Use	
Number of bedrooms:	4 Number of Occupants: 8 o	or less Other:	194	
		High Strength Indus		
Proposed Design Daily	Flow: 480 GPD	Proposed LTAR (Initial): 0.3	Proposed LTAR (Repair):	0.3
Proposed Wastewater	System Type*: IIIb	(Initial) Pump R	equired: Yes No	☐ May be required
Proposed Wastewater	System Type*: IIIbe	(Repair) Pump Re	equired: Yes No	☐ May be required
		ater system types in accordance with Ru		
Effluent Standard:	DSE HSE NSF/ANSI 40	☐ TS-I ☐ TS-II ☐ RCW		
Saprolite System (Initial): Yes No Saprolite	System (Repair): Yes No		
Fill System (Initial):	res 🔳 No If yes, specify: 🗌 New	Existing (when adding more than	6 inches of fill to system	area provide a fill plan)
Fill System (Repair):	Yes No If yes, specify: Ne	w Existing (when adding more than	n 6 inches of fill to system	area provide a fill plan)
Usable Depth to LC (Init	ial)x: 38"+	Usable Depth to LC (Repair)x: 40"+	X Limiting Co.	ndition
Max. Trench Depth (Init	ial)*: 24 inches Max. Tren	nch Depth (Repair)‡: 28 inches	* Measured on the down	hill side of the trench
		e specify details:		
Type of Water Supply: [Private well Public well	Shared well Municipal Supply	Spring Other	r:
Drainfield location meet	s requirements of Rule .0508: Yes	■ No Drainfield location meet:	s requirements of Rule .0	601: Yes No 🗌
		nt to GS 130A 334(13a)i No expirati		
Permit conditions: Permit is subject to re No cutting, grading, a Maintain all required	evocation if the Site Plan or Plat alterations, or utilities allowed in setbacks.	mensés, or lithevihlenden lise chan sepire a ea	11	n count.
icensed Soil Scientist Pi	rint Name: Scott Mitchell	9	Date: March	13, 2025

The LSS evaluation is being submitted

cequirements of G.S. 130A-335(a2).



Permit/File #:

This Section for Local Health Department Use Only

	Initial submittal received:		by	
		Date	Initials	
G.S. 130A-335(a3) states the followir	g:			
When an applicant for an Improvement Permi department, the common form developed by twithin five business days of receiving the appl. Permit includes all of the required components in shall notify the applicant of the components in department to cure the deficiencies in the Implies complete within five business days after the act within any period set out in this subsection common form for use as the Improvement Per	he Department, and a soil evaluatio cation, conduct a completeness revi s. If the local health department deto eeded to complete the Improvement rovement Permit. The local health d local health department receives th , the applicant may treat the failure	on pursuant to subsectio iew of the submittal. A a ermines that the Improv t Permit. The applicant r lepartment shall make a ee additional information	n (a2) of this section, the loca letermination of completeness rement Permit is incomplete, t may submit additional informa I final determination as to who In from the applicant. If the loc	I health department shall, s means that the Improvement the local health department ation to the local health ether the Improvement Permit al health department fails to
The review for completeness of this Permit is determined to be:	mprovement Permit was cor	nducted in accorda	nce with G.S. 130A-335(a3). This Improvement
☐ Incomplete (If box is checked, in	formation in this section is $r\epsilon$	equired.)		
The following items are missing:				
Copies of this were sent to the LSS a		Date		
State Authorized Agent:			Date:	<u> </u>
☐ Complete	- 20/A		W 78	
State Authorized Agent:			Date:	£
This Improvement Permit is issued pattached here. The issuance of this for checking with appropriate gover plat, or the intended use changes. The permit is subject to compliance with The Department, the Department's any liabilities, duties, and responsibe evaluations, submittals, or actions for the second sec	permit in no way guarantees ning bodies in meeting their he Improvement Permit sha the provisions of 15A NCAC authorized agents, and the I lilities imposed by statute or	s the issuance of or requirements. <u>Thi</u> all not be affected I C 18E and to the co local health depart in common law fro	ther permits. The perm is permit is subject to re by a change in ownersh nditions of this permit. ments shall be discharg om any claim arising ou	it holder is responsible evocation if the site plan, ip of the site. This ed and released from it of or attributed to
Improvement Permit Expiration Dat	e:			

See attached site sketch



Permit/File #:

Re-submittal of Improvement Permit

	LHD USE ONLY: This IP resubmittal received:	Date	by	
Γhe following i	items are being resubmitted pursuant to G.S. 130A-335((a3) for issuance of	f the Improvement Permit:	- -
	- SU SU		No.	
s accurate and	hereby attest that Scientist (Print Name) complete to the best of my knowledge and that the prilaws, regulations, rules, and ordinances.		quired to be included witl ent Permit meets all appl	
Signatur	re of Licensed Soil Scientist		Date	
LHD Follow-u	The section below is for Local Health Department use of up Completeness Review of Improvement Pe		ems noted as missing above.	
	completeness of this Improvement Permit re-submitta Permit is determined to be:	l was conducted in	accordance with G.S. 130)A-335(a3). This
•	e (If box is checked, information in this section is requir tems are missing:	red.)		
Copies of this w	vere sent to the LSS and the Applicant on			
State Authorize	Date ed Agent:		Date:	
☐ Complete				
State Authorize	ed Agent:		Date:	



Harnett County GIS

PID: 130519 0103 47 **PIN:** 0519-69-7624.000

Account Number: 1500028388

Owner: LGI HOMES NC LLC

Mailing Address: 1450 LAKE ROBBINS DR STE 430 THE WOODLANDS, TX 77380-3294

Physical Address: 88 TEEPEE DR LILLINGTON, NC 27546 ac

Description: LOT#42 BOONE TRAIL VILLAGE PH1 MAP#2024-600

Surveyed/Deeded Acreage: 0.6

Calculated Acreage: 0.6

Deed Date:

Deed Book/Page: 4144 - 0878

Plat(Survey) Book/Page: 2024 - 600

Last Sale: 2022 - 4
Sale Price: \$2220000
Qualified Code: A
Vacant or Improved: V
Transfer of Split: T
Actual Year Built:

Heated Area: SqFt

Building Count: 0

Building Value: \$0

Deferred Value: \$0

Parcel Outbuilding Value: \$0
Parcel Land Value: 26460
Market Value: \$26460

Total Assessed Value: \$26460

Zoning: RA-30 - 0.6 acres (100.0%)

Zoning Jurisdiction: Harnett County

Wetlands: No

FEMA Flood: Minimal Flood Risk

Within 1mi of Agriculture District: Yes

Elementary School: Boone Trail Elementary

Middle School: Western Harnett Middle

High School: Western Harnett High

EMS Department: Medic 12, D12 EMS

Law Enforcement: Harnett County Sheriff

Voter Precinct: Boone Trail

Fire Department: Boone Trail

County Commissioner: Duncan Edward Jaggers

School Board Member: John Hairr



Mitchell Environmental, P.A.

I hereby authorize representatives of Mitchell Environmental, P.A., to provide subsurface wastewater evaluations and septic system designs on my behalf, for the issuance of an IP and CA, for the property identified below.

For Improvement Permit (IP) issuance:

"The LSS/LG evaluation(s) attached to this application is to be used to issue an improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

For Construction Authorization (CA) issuance:

"The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5), and (a6)."

The LSS evaluation attached to this application was used to produce and design a subsurface wastewater septic system for permitting to obtain an IP and CA in accordance with G.S. 130A-
335(a2), (a3), (a5), and (a6).
Lot 41 (110 Tepic Dr), Lot 42 (88 Teepic Dr)
Lot 39 (154 Tespee Dr.), Lot 40 (132 Teaper A)
Subject Property (Address, PIN, etc.): Lot 59 (20 Camp Rock Rd), Lot 46 (17 Camp Rock Rd)
Property Owner Name (Print): LGI Homes
Owner Representative (<i>Print</i>): Keith Sears
Owner Representative (Sign): Xiil In
Date: 3/1/25



EMARTY



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 1/16/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the contificate holder is an ADDITIONAL INSURED, the notice/lies) must have ADDITIONAL INSURED provisions or be endorsed

lf	SUE	BROGATION IS WAIVED, subjectificate does not confer rights to	ct to	the	terms and conditions of	the po	licy, certain	policies may						
PROD	DUCE	R				CONTA	CT Select B	usiness Un	it					
	a Gr	oup klake Avenue, Suite 225					o, Ext): (919) 4			(919)	467-4987			
Rale	igh,	NC 27612				E-MAIL ADDRE	ss: em@tris	ure.com						
							INS	SURER(S) AFFOR	RDING COVERAGE		NAIC #			
						INSURE	R A : Westch	ester Surp	lus Lines		10172			
INSU	RED					INSURE	RB: Sirius A	America Ins	urance Company		38776			
		Mitchell Environmental PA				INSURE	ER C:							
		Scott Mitchell 5601 Maggie Run Lane				INSURE	RD:							
		Fuquay Varina, NC 27526				INSURE	RE:							
						INSUR	RF:							
CO	/ER	AGES CER	TIFIC	CATE	NUMBER:	REVISION NUMBER:								
IN Ce	DICA ERTII	S TO CERTIFY THAT THE POLICIENTED. NOTWITHSTANDING ANY REFICATE MAY BE ISSUED OR MAY ISIONS AND CONDITIONS OF SUCH	PER	REME TAIN,	ENT, TERM OR CONDITION THE INSURANCE AFFORI	N OF A	ANY CONTRA Y THE POLIC	CT OR OTHER IES DESCRIB	R DOCUMENT WITH RESP	ECT TO	WHICH THIS			
NSR LTR		TYPE OF INSURANCE	ADDL INSD	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMI	гѕ				
Α	X	COMMERCIAL GENERAL LIABILITY					,	,	EACH OCCURRENCE	\$	1,000,000			
		CLAIMS-MADE X OCCUR			G28210486009		1/27/2025	1/27/2026	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	50,000			
									MED EXP (Any one person)	\$	10,000			
									PERSONAL & ADV INJURY	\$	1,000,000			
	GEN	I'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$	2,000,000			
- 1		V PRO-	1	1							2 000 000			

PRODUCTS - COMP/OP AGG | \$ POLICY X JECT LOC OTHER: COMBINED SINGLE LIMIT (Ea accident) **AUTOMOBILE LIABILITY** ANY AUTO BODILY INJURY (Per person) OWNED AUTOS ONLY SCHEDULED AUTOS BODILY INJURY (Per accident)
PROPERTY DAMAGE
(Per accident) HIRED AUTOS ONLY NON-OWNED AUTOS ONLY 1,000,000 X OCCUR **UMBRELLA LIAB EACH OCCURRENCE** 1,000,000 G46616182008 1/27/2025 1/27/2026 Χ **EXCESS LIAB CLAIMS-MADE** AGGREGATE DED RETENTION \$ OTH-ER WORKERS COMPENSATION AND EMPLOYERS' LIABILITY PER STATUTE 1,000,000 WC PC 602055-000 2/7/2025 2/7/2026 ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) E.L. EACH ACCIDENT N/A 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ If yes, describe under DESCRIPTION OF OPERATIONS below 1,000,000 E.L. DISEASE - POLICY LIMIT G28210486009 1/27/2025 1/27/2026 1,000,000 Professional Liabili Limit G28210486009 1/27/2025 1/27/2026 Limit 1,000,000 Professional Liabili

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Operations of the Named Insured covered by the above referenced policies.

CERTIFICATE HOLDER	CANCELLATION

LGI Homes - NC, LLC 1450 Lake Robbins Drive Suite 430 The Woodlands, TX 77380 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mitchell Environmental, P.A.

March 13, 2025

Mr. Robert Putze LGI Homes - NC, LLC 1450 Lake Robbins Drive, Suite 430 The Woodlands, Texas 77380

Re: On-Site Sewage Disposal Site and Soils Evaluation Report for:

Boone Trail Village Subdivision – Lot 42 88 Teepee Drive, Lillington, Harnett County

Mr. Putze:

At your request, we have completed a site evaluation for use of on-site sewage disposal systems at Lot 42 of Boone Trail Village Subdivision located at 88 Teepee Drive Road in Lillington, Harnett County. The site evaluation was completed using hand augers on February 25, 2025, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15A NCAC 18E, "Wastewater Treatment and Dispersal Systems". This report was prepared pursuant to and meets the requirements of G.S. 130A-335(a2).

Site Evaluation for Use of On-Site Sewage Disposal Systems:

The evaluation included all usable areas of the property as limited by state and local laws, rules, and regulations. The purpose of the evaluation was to determine the suitability of the site for onsite waste disposal systems per applicable laws, rules, and regulations. "The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."

A soil/site evaluation for use of on-site waste disposal systems on any site in North Carolina must include an evaluation of each of the following criteria: 1) topography and landscape position, 2) soil morphology, 3) soil wetness, 4) soil depth, 5) restrictive horizons and 6) available space. Upon field evaluation of the site, the majority of the lot was confirmed to contain sufficient suitable depth for on-site waste disposal systems.

Most septic systems in North Carolina that include a sub-surface waste disposal element require nitrification trenches to distribute effluent for final treatment. Any nitrification trench that has an associated width (conventional, LPP, LDP, etc.) must be designed to accommodate slope corrections (typically 1 to 4 inches). Slope corrections are based on trench width and cross slope to ensure the minimum separation distance between the trench bottom and an unsuitable soil condition is maintained over the entire trench width. Sloping sites are required to have greater suitable soil depth to accommodate slope correction as opposed to flat sites that require no slope correction. Please note that all proposed lots that utilize sub-surface nitrification fields must have sufficient area for the initial septic system as well as a full repair system. However, the initial and repair systems are not required to be the same type of system, nor are they required to be contiguous. For example, a lot may have a conventional, gravity system installed as the initial septic system and specify an LPP or subsurface drip system for its repair, several hundred feet away from the house or other structure being served.

The number of bedrooms or wastewater design flowrate that any lot will accommodate is entirely dependent upon the usable area of the lot and the long-term acceptance rate (LTAR; LTAR is the

effluent application rate for a septic system. For conventional systems, the LTAR indicates the number of gallons that can be applied to each square foot of the trench bottom per day. For an LPP or subsurface drip system, the LTAR indicates the number of gallons that can be applied to each square foot of the nitrification field per day. An LTAR of 0.2 gallons per day per ft² (gpd/ft²) will require a nitrification field that is twice as large as a field that has an LTAR of 0.4 gpd/ft².). Assigned LTARs will affect the number of bedrooms or wastewater design flowrate lots will accommodate as illustrated above. LTARs can vary from one location to another on a property. Our observations indicate that the majority of the lot contains sufficient suitable soil depth to accommodate subsurface wastewater systems with an LTAR of 0.30 gpd/ft². Observed suitable soil depths on this site are greater than 38 inches, with LTAR controlling soil textures ranging from sandy clay loam to clay loam.

Topography on this lot can be generally characterized as a gentle side slope that generally sheds to the north east. Based on observed site and soil characteristics, in combination with the proposed plot plan, it is my professional opinion that adequate available space exists on this lot for properly designed septic system drainfields (*initial and repair*) sufficient for one, four-bedroom home.

This site evaluation is based upon the conditions of the site at the time of the evaluation. Any alteration of the site, including compaction, clearing, grading, timbering, etc., could negatively affect the suitability for on-site septic systems. Great care should be exercised during site preparation to protect areas that are to be utilized for septic system nitrification fields. No vehicular or construction traffic should be allowed on these areas. Additionally, no sedimentation and erosion control devices or stormwater collection, treatment, diversion, or dispersal devices should be allowed on or near these areas.

Thank you for the opportunity to provide you with this wastewater system soil suitability evaluation. Do not hesitate to call me if you have any questions or concerns about this evaluation or if you need any additional information.

Sincerely,



Scott Mitchell, PE, LSS President

Page <u>1</u> of <u>2</u> PROPERTY ID #: 0519-69-7624.000
COUNTY: Harnett

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

					(Complete all			DAT	TE EVALU	JATED: 02/2	5/2025
							100	DD OD	EDTV CIZ	E: 0.60 acres	
							400			ORDED: 12/0	
	_						er			SETBACK:	
EVALU	JATION METHO	DD: X Auge	r Boring 🛚 🗆 Pit	\square Cut	TY	PE OF WASTE	WATER:	X Domest	ic 🗆 High	Strength \square I	PWW
P R O F I			SOIL MO)RPHO	LOGY	ОТНЕ	R PROFII	LE FACTO	ORS		
R O F I L L L ANDSCA # POSITIO	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	STRUCTURE/ CONS		.0504 SOIL WETNESS/ COLOR	SOIL .0505 WETNESS/ SOIL		.0506 .0507 SAPRO RESTR CLASS HORIZ		.0502(d) SLOPE CORRE CTION
	L, 2%	Ap, 0-6	SL, G	VFR, N	S, NP, NEXP	10YR 5/2					
		E, 6-34	SL, SBK	VFR, N	S, NP, NEXP	2.5Y 6/4					
1		Bt1, 34-39	CL, SBK	FR, S	S, SP, SEXP	10YR 6/6					
		Bt2, 39-42+	SCL, SBK	FR, S	S, SP, SEXP	10YR 6/6 2.5YR 4/8; 15%	42+			S, 0.35	1"
	L, 2%	Ap, 0-6	SL, G	VFR, N	S, NP, NEXP	10YR 5/2					
	•	E, 6-23	SL, SBK	VFR, N	IS, NP, NEXP	2.5Y 6/4					
2		Bt1, 23-33	CL, SBK	FR, S	S, SP, SEXP	10YR 6/6					
		Bt2, 33-41+	CL, SBK	FR, S	S, SP, SEXP	10YR 6/6 2.5YR 4/8; 15%	41+			S, 0.30	1"
\vdash	L, 2%	Ap, 0-6	SL, G	VFR, N	IS, NP, NEXP	10YR 5/2					
	•	E, 6-18	SL, SBK	VFR, N	S, NP, NEXP	2.5Y 6/4					
3		Bt1, 18-34	CL, SBK	FR, SS	S, SP, SEXP	10YR 6/6					
		Bt2, 34-38+	CL, SBK	FR, S	S, SP, SEXP	10YR 6/6 -2.5YR 4/8; 15%	38+			S, 0.30	1"
\vdash	L, 2%	Ap, 0-6	SL, G	VFR, N	S, NP, NEXP	10YR 5/2					
	•	E, 6-24	SL, SBK	VFR, N	S, NP, NEXP	2.5Y 6/4					
4		Bt1, 24-36	CL, SBK	FR, SS	S, SP, SEXP	10YR 6/6					
		Bt2, 36-40+	CL, SBK	FR, SS	S, SP, SEXP	10YR 6/6 2.5YR 4/8; 15%	40+			S, 0.30	1"
וח	ESCRIPTION	INITIAL SYS	STEM REPAIR	SYSTEM							
		Yes	Ye		SITE CLAS	SSIFICATION (.	0500).	Suitable			
		IIIb	ı	lbe	EVALUAT				nell / Adam	Aycock	
Site LT	AR	0.30	0.	30		PRESENT:					
Maximu	m Trench Depth	24" on Low	Side 28" on L	ow Side							
Comme	ents:										

NCDHHS/DPH/EHS/OSWP Revised January 2024

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERA CONSIS	•	STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	ı	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	Ш	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)		SiL (Silt loam) SCL		0.1 - 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)	Ш	CL (Clay loam)	0.3 - 0.6		0.15 - 0.3	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None			VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)				SEXP (Slightly	expansive)	
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Exp	ansive)	
TS (Toe Slope)		C (Clay)						1
		O (Organic)	None					

HORIZON DEPTH In inches below natural soil surface DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

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 SOIL WETNESS

CLASSIFICATIONS (Suitable) or U (Unsuitable)

ATION	v		s (s	unac	Show	r∪(prof	Unsu ile lo	nabie cation	e) ns an	d oth	er sit	e fea	tures	(dim	ensio	ns, re	eferei	nce o	r ben	chma	rk, a	nd N	orth)).			
	\dashv																										
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	\dashv																									\vdash	
\vdash	\dashv																										

Revised January 2024 NCDHHS/DPH/EHS/OSWP

^{*} 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.

