

North Carolina Onsite Wastewater Contractor Inspector Certification Board Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems Notice of Intent (NOI) to Construct

X New ExpansionRepair RelocationRelocation of Repair Area
Owner or Legal Representative Information:
Name: Four Corners of Charlotte LLC
Mailing address: 1612 Seattle Slew Court City: Waxhaw State: NC Zip: 28173
Phone: 704-713-2602
Authorized Onsite Wastewater Evaluator Information:
Name: Larry Thompson, LSS Certification #: 10016E
Mailing address: PO Box 541 City: Midland State: NC Zip: 28107
Phone: 704-301-4881 Email: larry@thompsonenv.com
Site Location Information: Site address: Mintew Circle, Lincolnton, NC 28092
Tax parcel identification number or subdivision lot, block number of property: PID: 75043 Lot 31 - Lincoln Greens County: Lincoln
County
System Information: Wastewater System Type: Type IIb - Gravity Flow Accepted Daily Design Flow: 360 Saprolite System: Yes X No Subsurface Operator Required: Yes X No Water Supply Type: X Private Well Public Water Supply Spring Other:
Facility Type:
X Residential 3 # Bedrooms 6 Maximum # of Occupants
Business Type of Business and Basis for Flow:
Public Assembly Type of Public Assembly and Basis for Flow:
Required Attachments: X Plat or Site Plan Evaluation of Soil and Site Features by Licensed Soil Scientist
Attest: On this the 16th day of March, 2024 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina. This NOI shall expire on 16th day of March, 2029.
Signature of Authorized Onsite Wastewater Evaluator:
Signature of Owner or Legal Representative: ramon gonzalez (Mar, 16, 2024 15/48 EDT)
Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.
Local Health Department Receipt Acknowledgement:



Lincoln County Environmental Health

115 W. Main Street Lincolnton, NC 28092 PHONE: 704-736-8426

FAX: 704-736-8427



DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

- 1. Power of Attorney
- 2. Real Estate Contract
- 3. Estate executor
- 4. Bankruptcy trustee
- 5. Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

- 1. Complete this form to document his or her legal representative, or
- 2. Provide his or her own form that contains the information in this form.

Four Corners of Charlotte LLC , am the legal owner(s) of the property located

Mar 6, 2024

Date

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

at Lot 31 - Lincoln Greens, Mintew Circle, Lincolnton, NC 28092 identified as	
PIN (Parcel Identification Number) 75043 , located in Lincoln County, North	
Carolina.	
I do hereby authorize (print legal representative/company name) Larry Thompson, LSS Thompson Environmental Consulting, to act as an agent on my behalf in applying for/signing/obtaining of the documents described below.	any
 Application for Improvement Permit (IP) / Authorization to Construct (AC) Improvement Permit (IP) / Authorization to Construct (AC) Application for soil-site evaluation (new/repair) Application/permit for private drinking water well/well abandonment Application for Compliance Inspection 	
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Lincoln County Department of Public Health, Environmental Health Division.	ıe



Signature of Witness

ramon gonzalez

Signature of Owner(s)

Date

Mar 6, 2024



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 9/20/2023

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 certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed.

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	BUCER	<u> </u>			CONTA NAME:						
	Higginbotham Insurance Agency, Inc.				PHONE (A/C, No, Ext): 9187797880 (A/C, No): 817-882-9284						
500 W. 13th Street Fort Worth TX 76102				(A/C, No, Ext): 9187/97880 (A/C, No): 817-882-9284 E-MAIL ADDRESS; dlvjr@higginbotham.net							
Fort World 1X 70102											NAIC#
								DING COVERAGE			23418
INSU	DEN			License#: 2081754 THOMENV-01							
	mpson Environmental Consulting,	Inc.		···			Underwriters	Insurance Comp	pany		30104
PO	Box 541				INSURE			······································			
Mid	land NC 28107-0541				INSURE						
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	OTHER:									\$	
	AUTOMOBILE LIABILITY					l		COMBINED SINGLE (Ea accident)	ELIMIT	\$	
	ANY AUTO		l					BODILY INJURY (P	er person)	\$	
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	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A						E.L. DISEASE - EA I		\$ 1,000	,000
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POL	ICY LIMIT	\$1,000	,000
ŀ			l								
DESC	RIPTION OF OPERATIONS / LOCATIONS / VEHIC	ES (ACORD	101, Additional Remarks Schedu	le, may b	e attached if more	space is require	ed)			
CER	TIFICATE HOLDER				CANO	ELLATION					
				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.							
	For Informational Purposes	3			AUTHORIZED REPRESENTATIVE						
				a 4							

Residential Subsurface Wastewater Treatment and Disposal System AOWE Permit

for

Lot 31 – Lincoln Greens Mintew Circle Lincolnton, NC 28092

Tax Parcel Number: 75043 March 16, 2024

Prepared for:

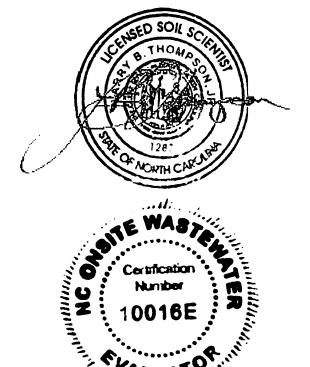
Four Corners of Charlotte LLC 1612 Seattle Slew Court Waxhaw, NC 28173 704-713-2602

Prepared by:

Larry Thompson, REHS, LSS Thompson Environmental Consulting, Inc. PO Box 541 Midland, NC 28107-0541 Phone: 704-301-4881

Fax: 206-350-8895

larry@thompsonenv.com



Details

Four Corners of Charlotte LLC has contracted with Thompson Environmental Consulting, Inc. (TEC) to prepare an AOWE septic permit package for a 3-bedroom single-family residence to be constructed on Lot 31 – Lincoln Greens, Mintew Circle, Lincolnton, North Carolina (Lincoln County Parcel Number: 75043).

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Provisionally Suitable" Group IV Soil is available for the initial installation and repair of a **Gravity-Flow Accepted System** for a 360 gallon-per-day residence at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR). The property will be served by a private well.

This proposal is being submitted pursuant to and meets the requirements of G.S. 130A-336.2. (AOWE Permitting).

Location

From Lincolnton, take N. Grove Street to Reepsville Road. Stay straight on Reepsville Road, turn left onto Mintew Circle and keep left. Lot is located on the left at the Mintew Circle split.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18E, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, January 1, 2024.

Accepted Wastewater System No. AWWS-2005-02-R6; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, August 21, 2015.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208

NC Licensed Soil Scientist No. 1287

NC Authorized Onsite Wastewater Evaluator No. 10016E

SC Certified Professional Soil Classifier No. 111

NC Subsurface Septic System Operator No. 22199

NC Grade IV Wastewater System Installer No. 1762

NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved, watertight, structurally sound, and 1,500 gallons in capacity (minimum).

- 2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
- 3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipe, Fittings and Supply Line

- 1. All discharge piping, connectors, and supply lines should be made of SCH 40 PVC and fitted with pressure-rated couplings.
- 2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

C. Distribution Method

- 1. Individual drainlines shall be evenly fed via a distribution box.
- 2. Distribution box shall be water tested for equal flow at the time of the final inspection.

D. Drainfield Installation

- 1. The drainfield has been previously laid out on-site utilizing metal stemmed flags. The property owner/builder should mark this area and isolate it as much as possible from construction traffic
- 2. Under <u>no</u> circumstances shall any construction take place within the drainfield area while the soil is in a wet condition.
- 3. The specified system is an accepted wastewater system, specifically the Infiltrator Quick 4 chamber system.
- 4. The drainfield addition consists of three (3) 3-foot wide by 100-foot long drainlines. Total drainline length for the complete system is 300 linear feet.
- 5. The maximum trench depth for this system shall be 25 inches.
- 6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.
- 7. The trenches should be left open for the final inspection by the system designer.

E. Final Landscaping

- 1. The final soil cover over the drainfield shall be a minimum of 6 inches deep.
- 2. The drainfield shall be shaped to shed rainwater and be free from low spots.
- 3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

Maintenance

F. In General

- 1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
- 2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation equivalent to 25 percent of the tank's volume. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
- 3. When cleaning the effluent filter, the filter should be removed, and the accumulated debris will be washed back into the septic tank not onto the lawn.
- 4. Any damp areas, leakages, or malfunctions in the drainfield area should be addressed immediately.
- 5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

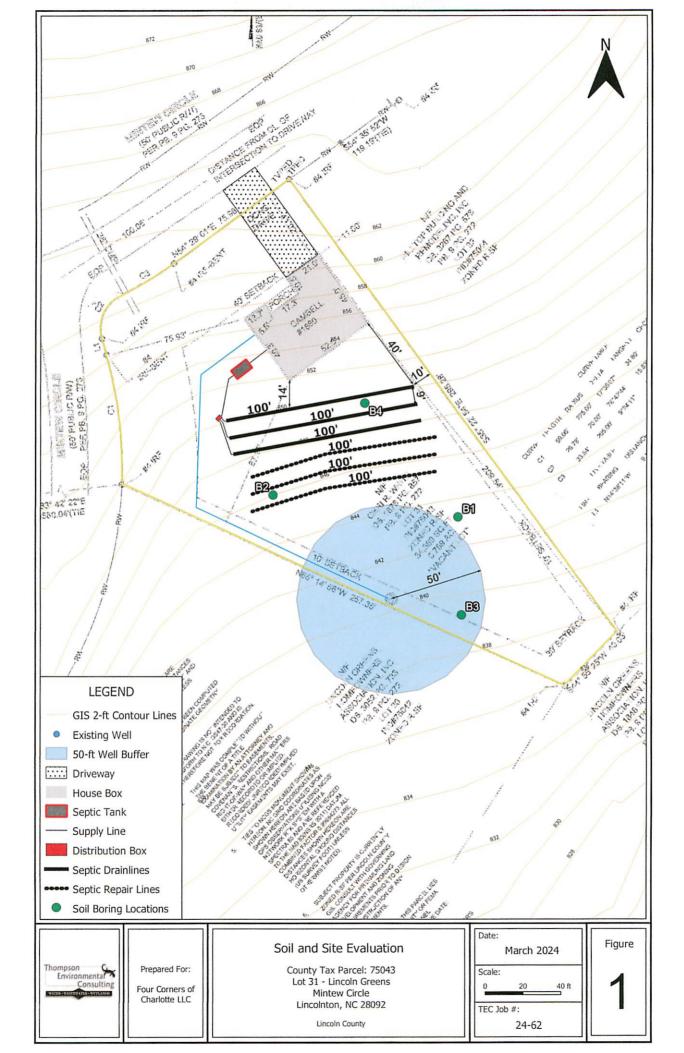
Design Specifics

Daily Design Flow:	360 GPD – 3 bedroom house
Septic Tank Size:	1,000 Gallons
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Accepted (25% Reduction)
Distribution Method:	Distribution Box
Number of New Drainlines	(3) 3-ft Wide x 100-ft Long
Total Drainline Length:	300 Linear Feet
Maximum Trench Depth:	25 Inches
Required Soil Cover:	6 Inches
Repair Option	
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Accepted (25% Reduction)
Required Drainline Length:	300 Linear Feet
Available Drainline Length:	300 Linear Feet

Lot 31 – Lincoln Greens

Maximum Trench Depth: 25 Inches

Required Soil Cover: 6 Inches



Thompson Environmental Consulting, Inc	
PO Box 541	
Midland, NC 28107	

PROPERTY ID#	Page 1 of 1
COUNTY	

CONTRACTOR PRIVATE	III TION C		
SOUPSILE FAVI	JUA HON <i>for</i> Of	N-SITE WASTEWATEI	RSYSTEM

ADDRI PROPC ADCAT ATTE	ONER: ODATE EVALUATED: 3 5 24 PROPOSED PACILITY: PROPOSED DESIGN FLOW (.0400): PROPERTY SIZE: C. 725COC. OCATION OF SITE: PROPERTY RECORDED: VITER SUPPLY: Public Single Family Well 1 Shared Well 1 Spring 1 Other WATER SUPPLY SETBACK: SOFT ALUATION METHOD: Auger Boring 1 Pit 1 Cut TYPE OF WASTEWATER: Domestic 1 High Strength 1 IPWW									
P R O F L F	.0502 LANDSCAPE POSITION/	HORIZON DEPTH	.0503 STRUCTURE/	.0503 CONSISTENCE/	.0504 SOIL WETNESS/	.0505 SOIL	.0506 SAPRO	.0507 RESTR	.0509 PROFILE CLASS	.0502(d) SLOPE CORRE
1	SLOPE %	(IN)	TEXTURE JBA C	MINERALOGY FISPER	COLOR	39 H	CLASS	HORIZ	<AR*	CTION
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DESCRIPTION Available Space (.0508)	INITIAL SYSTEM	REPAIR SYSTEM	STIE CLASSIFICATION (0500): Sach la
System Type(s)	1 1 1 1 1	11/10	STTE CLASSIFICATION (.050p): So inch la EVALUATED BY: Li Many I'll
Site LTAR	10.3	D.3	OTHER(S) PRESENT:
Maximum Trench Depth	1 2011	1254	
Comments:	· ·		
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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)	1	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)	11	SL (Sandy Ioam)	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 Ioam)		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)	III	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)	1	C (Clay)						
		O (Organic)	None					

DEPTH OF FILL

In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

SOIL WETNESS

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

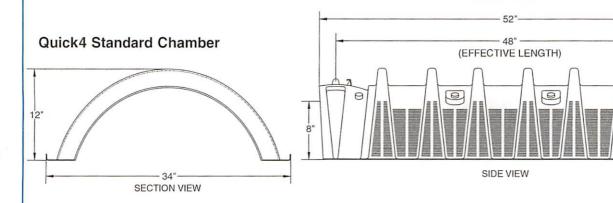
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North). **SEE FIGURE 1**

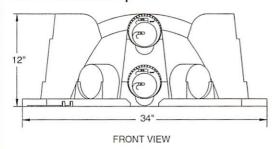
^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

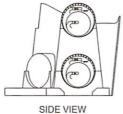
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200. HORIZON DEPTH In inches below natural soil surface

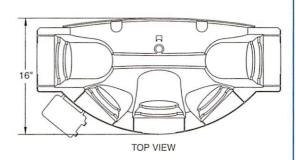




MultiPort End Cap







Quick4 Standard Chamber Nominal Specifications

Size (W x L x H)	34" x 52" x 12"
Effective Length	48"
Invert Height	8"

MultiPort End Cap Nominal Specifications

Size (W x L x H)	34" x 16" x 12"
Invert Height	8" or 1.25"

INFILTRATOR SYSTEMS, INC. STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, end plate, wedge and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages, Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units being subjected to which led trained to the conditions which are not permitted by the installation instructions; that we not the units being subjected to which led the units which are not permitted by the installation instructions; the placement of improper materials into the system containing the Units is fallowed to improper sting or improper sting, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or ship-ment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all set conditions required by state and local codes; all other applicable laws; and Infiltrator is installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original content of the c

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.



Environmental Onsite Wastewater Solutions

6 Business Park Road • P.O. Box 768 Old Saybrook, CT 06475 860-577-7000 • FAX 860-577-7001

800-221-4436

