Residential Subsurface Wastewater Treatment and Disposal System AOWE ATO

for

173 Beck Lane (now 165 Beck Lane)
Statesville, NC 28625

Tax Parcel Number: 4788602041.000 (now 4788605207.000)
October 28, 2024

No Sub

Prepared for:

Marlin Coblentz
50 Berea Church Quincy Road
Hiddenite, NC 28636
(828) 610-1586



Prepared by:

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



Project Specifics

An AOWE permit was previously submitted to Iredell County Environmental Health at the request of Marlin Coblentz who wished to construct a new 3-bedroom single-family residence at 165 Beck Lane, Statesville, North Carolina (Iredell County Tax Parcel Number: 4788605207.000).

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Provisionally Suitable" Group IV soils are available for the installation, and repair, of a **Gravity Flow Accepted System** for a 360 GPD system at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR). Since the original evaluation, TEC learned that there is an existing system in place on this lot that would conflict with the original proposal. That system was inspected and it appeared to be in good working order with the exception of the existing septic tank, which was proposed to be replaced.

The new septic tank has been installed and connections to the existing system have been made by Linford J. Hochstetler (Level IV Installer 5575) and inspected by TEC. The system has been installed in general accordance with the AOWE permit package submitted to your office. The recommended maintenance plan and as-built drawing are included in this package. This report shall allow the Authorization to Operate to be issued for the certificate of occupancy for the above referenced facility.

OPERATION and MAINTENANCE

A. Operation and Maintenance

1. The septic tank and pump tank shall be pumped out when the solids within the septic tank reach an elevation that is equivalent to 25% of the volume of the tank. The grease trap will need to be.
2. The effluent filter should be inspected annually. When it becomes necessary to clean the effluent filter, the filter should be removed, and the accumulated debris washed back into the septic – not onto the lawn.
3. The drainfield area should be maintained to prevent overgrowth of vegetation. Any damp areas, leakages or malfunctions should be addressed immediately.
4. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

B. Suggestions to the Property Owner

1. Grease, cooking oils, coffee grounds and non-degradable solids (disposable diapers, cigarettes and solid paper wastes) should never be put into a septic tank.
2. Used motor oil or any oily liquids should not be disposed of in a septic tank.
3. Be aware of the amount of water that you are using in the business. Water saving fixtures and devices can be installed on sinks and toilets to reduce the volume of wastewater that you are sending to your drain field.
4. Run dishwashers only when you have a full load.

5. Repair leaky faucets and toilets. Small drips equal large volumes of water over time and can over burden your drainfield.
6. Do not use chemical additives in your system. Studies have indicated that they do not increase the biological activity that naturally occurs in the septic system and in some cases certain additives have been found to be detrimental to the life of a system.

INSTALLER CERTIFICATION

The septic system for the above-reference property has been installed in general accordance with the AOWE permit package prepared by Larry Thompson, LSS.

Signature: Linford Hochstetler (Oct 30, 2024 12:37 EDT)

Email: linsmail84@gmail.com

OWNER'S ACCEPTANCE

The septic system for the above-referenced property was specified by Larry Thompson, LSS, with the final installation work being performed by Linford J. Hochstetler. Mr. Thompson has shared his closeout package with us and we do hereby accept the septic system installed for this project.
6 Inches

Signature: Marlin Coblentz (Oct 30, 2024 22:11 EDT)

Email: fishcobler@gmail.com

Residential Subsurface Wastewater Treatment and Disposal System AOWE Permit

for

173 Beck Lane
Statesville, NC 28625

Tax Parcel Number: 4788602041.000
August 22, 2024

Prepared for:

Marlin Coblentz
50 Berea Church Quincy Road
Hiddenite, NC 28636
(828) 610-1586



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Larry Thompson, REHS, LSS
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Project Specifics

The following wastewater treatment and disposal system AOWE permit is submitted to Iredell County Environmental Health at the request of Marlin Coblentz who plans to construct a new 3-bedroom single-family residence at 173 Beck Lane, Statesville, North Carolina (Iredell County Tax Parcel Number: 4788602041.000). The proposed residence will be served by a private well.

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Provisionally Suitable" Group IV soils are available for the installation, and repair, of a **Gravity Flow Accepted System** for a 360 GPD system at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR). Since this evaluation, TEC has learned that there is an existing system in place on this lot that would conflict with our original proposal. This system has been inspected and appears to be in good working order with the exception of the existing septic tank, which should be replaced.

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

Location

From Statesville, take I-40 E. to Exit 162. Exit right and turn left onto US-64 E. Turn left onto Ridge Road/Society Church Road, left onto Vaughn Mill Road, left onto Stroud Road, and left onto Beck Lane. Property is located at the end of Beck Lane.

References

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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 1,000 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 serially fed by existing drop boxes.

D. Drainfield Installation

1. The existing drainfield is comprised of four (4) drainlines (Accepted – Chambers) measuring approximately 112 feet in length.

Maintenance

E. In General

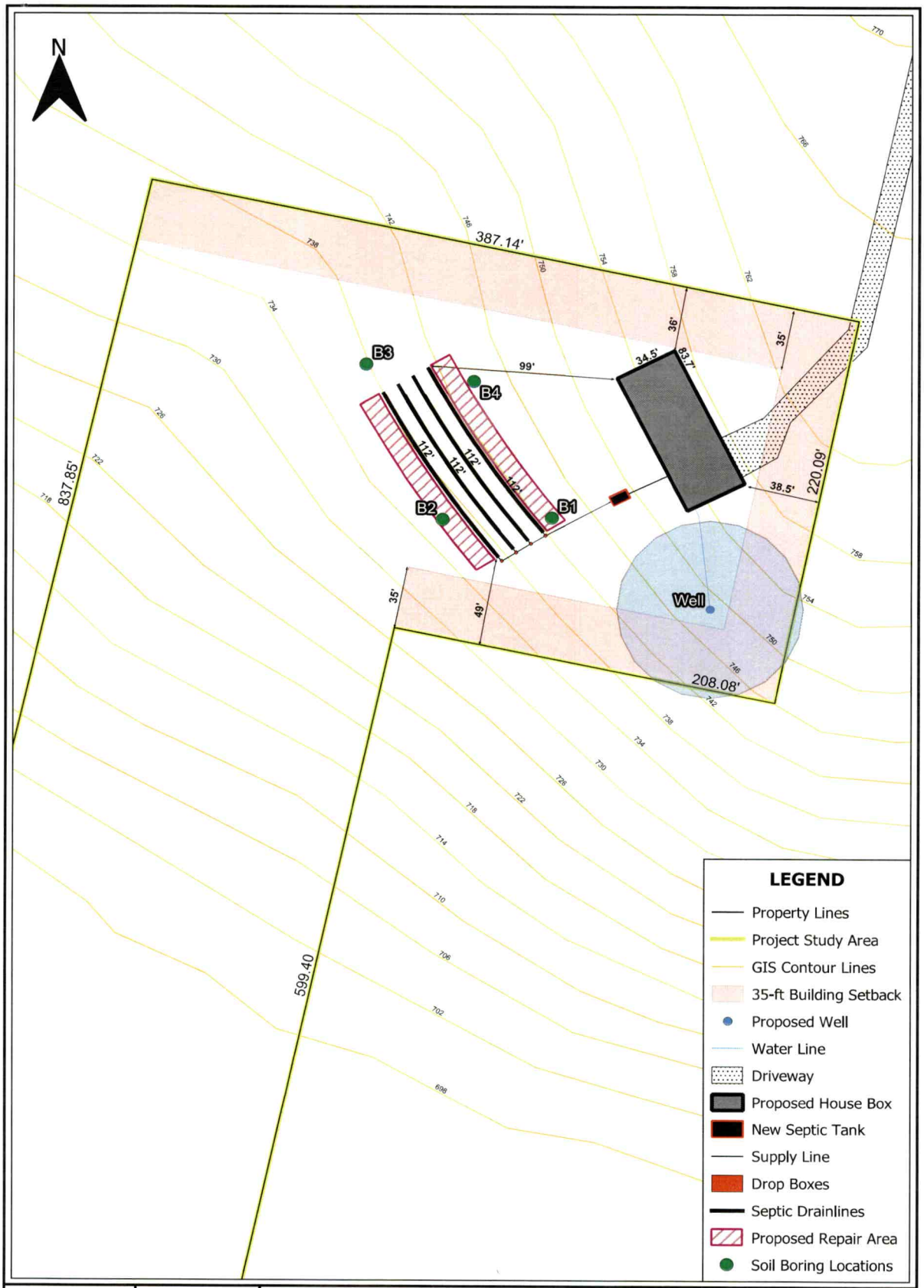
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2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation equivalent to 25 percent of the tank's volume. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, 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 (NEW)
Drainfield Type:	Accepted (Existing)
Distribution Method:	Drop Boxes (Existing)
Number of Drainlines	(4) 3-ft Wide x 112-ft Long

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
Maximum Trench Depth:	23 Inches
Required Soil Cover:	6 Inches



Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS

Prepared For:

Marlin and Cheryl Coblentz

Septic Layout

County Tax Parcel: 4788602041.000
173 Beck Lane
Statesville, NC 28625

Iredell County

Date: August 2024

Scale: 0 30 60 ft

TEC Job #: 24-121

Figure 1

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

1788603343.000 PROPERTY ID #
#1788602041.000 COUNTY Iredell

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

OWNER: Nadia Gubler12 DATE EVALUATED: 4-1-21
ADDRESS: 50 Bethel Church Road Statesville, NC 28636
PROPOSED FACILITY: Lot PROPOSED DESIGN FLOW (.0400): 3bdrgpd PROPERTY SIZE: +/- 0.40 ac
LOCATION OF SITE: 173 Pecan Lane, Statesville, NC PROPERTY RECORDED:
WATER SUPPLY: ☐ Public ☒ Single Family Well ☐ Shared Well ☐ Spring ☐ Other WATER SUPPLY SETBACK: 50-ft
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ 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*	.0502(d) SLOPE CORRECTION
1	LS 12%	0-7	SBK/SCL	FR/SS/SP/SCP		48"				43"
		7-33	SBK/C	FI/SP/SCP						
		33-48	SBK/CL	FI/SS/SP/SCP						
2	LS 12%	0-7	SBK/SCL	FR/SS/SP/SCP		40" AR				55
		7-40	SBK/C	FI/S/P/SCP						
3	LS 12%	0-12	SBK/SCL	FR/SS/SP/SCP		48"				43
		12-48	SBK/C	FI/S/P/SCP						
4	LS 12%	0-12	SBK/SCL	FR/SS/SP/SCP		48"				43
		12-48	SBK/C	FI/S/P/SCP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	2	2
System Type(s)	Conventional	Conventional
Site LTAR	0.4	0.4
Maximum Trench Depth	24"	23"

Comments

SITE CLASSIFICATION (.0509): Suitable
EVALUATED BY: T. Thompson, CSS
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST · MARK B. THOMPSON · 1287 · STATE OF NORTH CAROLINA

Rev. [illegible]
FORM SSF-20

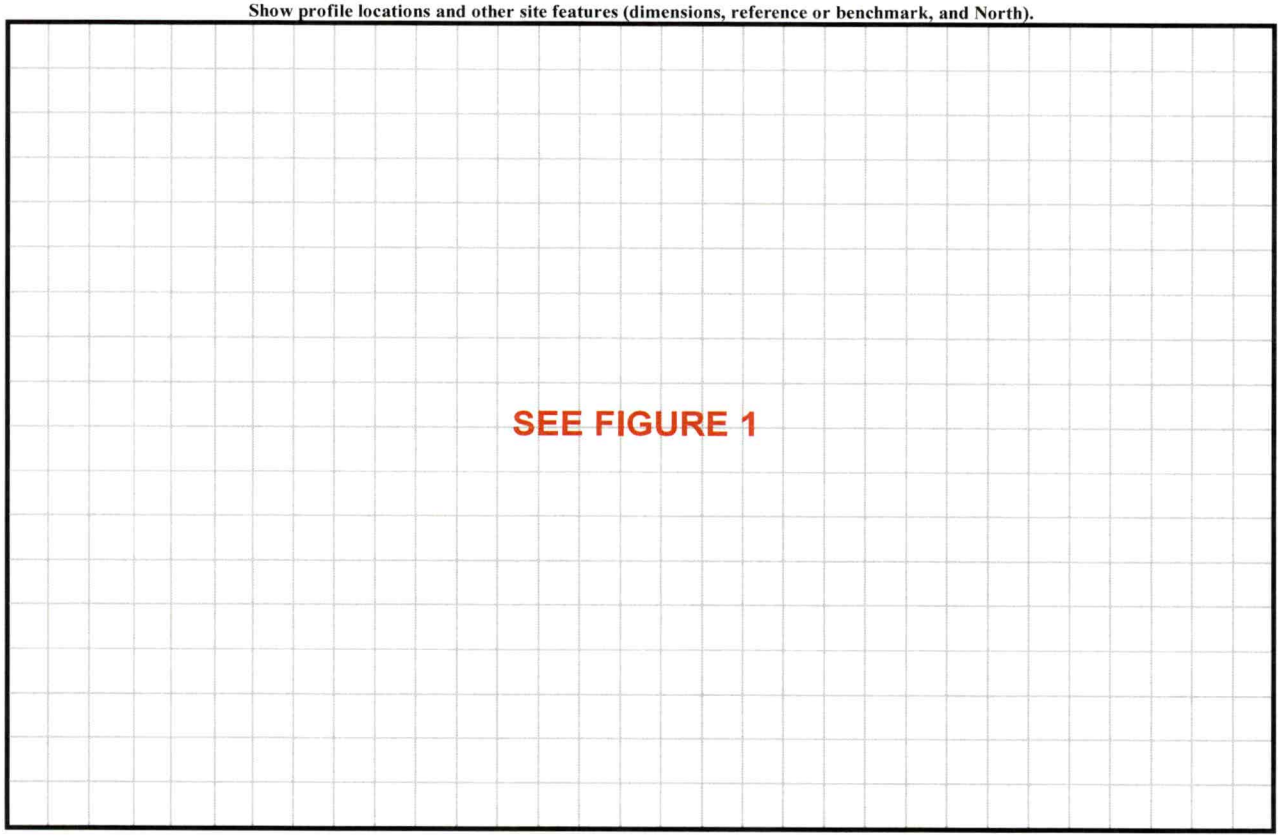
LEGEND

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).



173 Beck Lane
Statesville, NC 28625

~~2024-60398~~ No sub.
2024-60398

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

____New ____ Expansion X Repair ____ Relocation ____Relocation of Repair Area

Owner or Legal Representative Information:
Name: Marlin Coblentz
Mailing address: 50 Berea Church Quincy Road City: Hiddenite State: NC Zip: 28636
Phone: (828) 610-1586 Email: Fishcobler@gmail.com

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: 173 Beck Lane, Statesville, NC 28625
Tax parcel identification number or subdivision lot, block number of property: PID: 4788602041.000
County: Iredell

System Information:
Wastewater System Type: Type IIb - 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
X Evaluation of Soil and Site Features by Licensed Soil Scientist

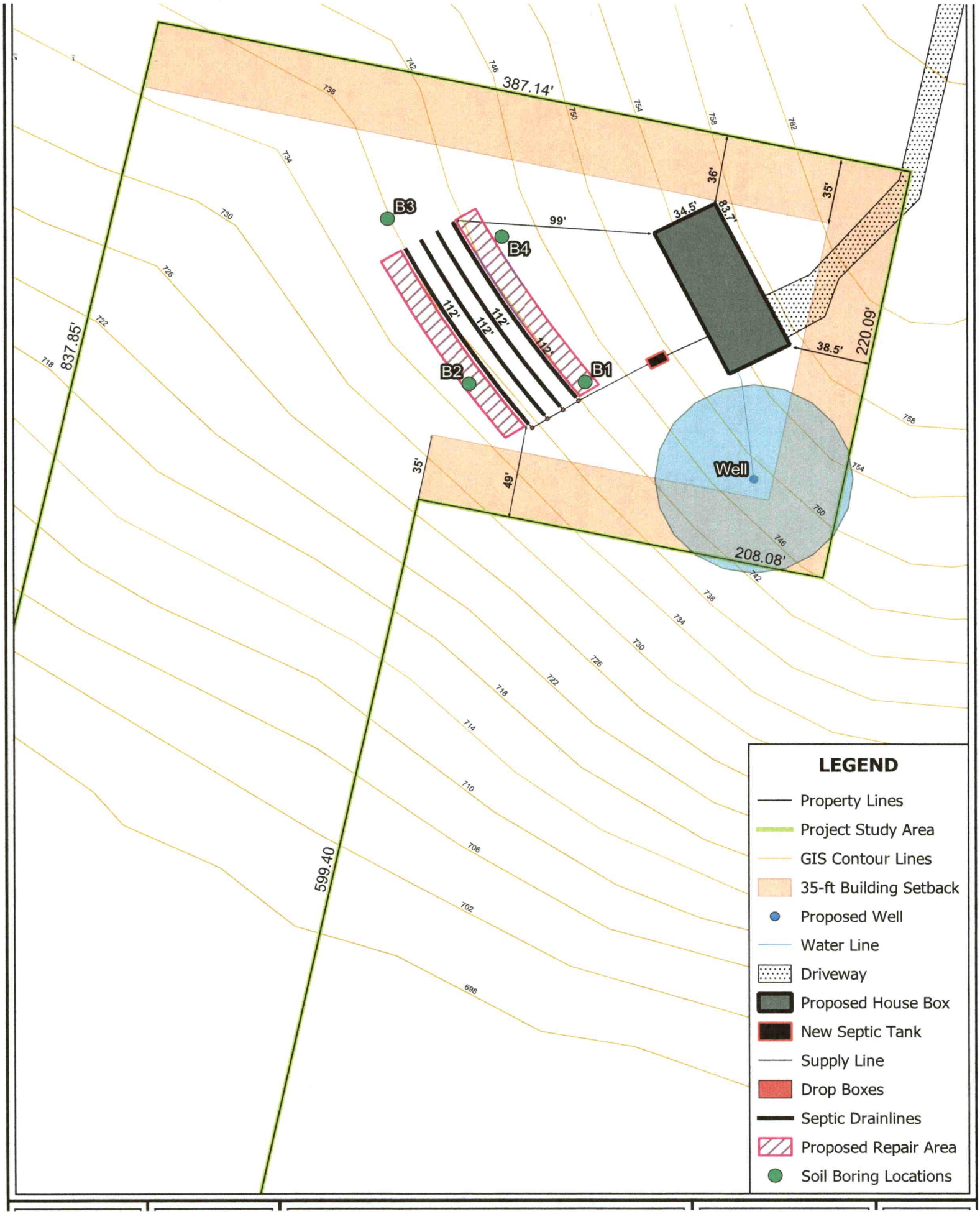
Attest: On this the 22nd day of August, 2024 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.
This NOI shall expire on 22nd day of August, 2029.

Signature of Authorized Onsite Wastewater Evaluator: ____

Signature of Owner or Legal Representative: ____ Marlin Coblentz (Aug 22, 2024 07:54 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:
Signature of Local Health Department Representative: ____ D. Wieberg Date: 08/28/2024


387.14'
837.85'
599.40
220.09'
208.08'
36'
35'
34.5'
83.7'
99'
38.5'
35'
49'
112'
112'
112'
112'
B1
B2
B3
B4
Well
LEGEND
Property Lines
Project Study Area
GIS Contour Lines
35-ft Building Setback
Proposed Well
Water Line
Driveway
Proposed House Box
New Septic Tank
Supply Line
Drop Boxes
Septic Drainlines
Proposed Repair Area
Soil Boring Locations

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. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Higginbotham Insurance Agency, Inc.
500 W. 13th Street
Fort Worth TX 76102

License#: 2081754

CONTACT NAME: David Vaughan
PHONE (A/C, No, Ext): 9187797880 **FAX (A/C, No):** 817-882-9284
E-MAIL ADDRESS: dlvjr@higginbotham.net

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Mid-Continent Casualty Company	23418
INSURER B : Hartford Underwriters Insurance Company	30104
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Thompson Environmental Consulting, Inc.
PO Box 541
Midland NC 28107-0541

THOMENV-01

COVERAGES **CERTIFICATE NUMBER:** 1159810537 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY**			04-GL-001105131	9/25/2023	9/25/2024	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE [X] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
	X Professional						MED EXP (Any one person)	$ Excluded
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$ 1,000,000
	X POLICY [ ] PRO-JECT [ ] LOC						GENERAL AGGREGATE	$ 3,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$ 3,000,000
								$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N			38WECNW6175	10/17/2023	10/17/2024	X PER STATUTE [ ] OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [N] **(Mandatory in NH)**	N / A					E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Informational Purposes

CANCELLATION

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



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Residential Subsurface Wastewater Treatment and Disposal System AOWE Permit

for

173 Beck Lane
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Tax Parcel Number: 4788602041.000
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Prepared for:

Marlin Coblentz
50 Berea Church Quincy Road
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Prepared by:

Larry Thompson, REHS, LSS
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NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
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Available Drainline Length:	300 Linear Feet
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Required Soil Cover:	6 Inches

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

PROPERTY ID #: 4788603343.000 # 4788602041.000
COUNTY: Iredell

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

OWNER: Nadia Gublentz
ADDRESS: 50 Beaver Church Road, Mooresville, NC 28636
PROPOSED FACILITY: Lot
PROPOSED DESIGN FLOW (.0400): 360gpd
LOCATION OF SITE: 173 Bristle Lane, Statesville, NC
DATE EVALUATED: 4-1-24
PROPERTY SIZE: 4.64ac
PROPERTY RECORDED:
WATER SUPPLY SETBACK: 50-ft
WATER SUPPLY: ☐ Public ☒ Single Family Well ☐ Shared Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ 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*	.0502(d) SLOPE CORRECTION
1	LS 12%	0-7	SBK/SCL	FR/SS/SP/SCP		48"				43%
		7-33	SBK/C	FI/SP/SCP						
		33-48	SBK/C	FI/SS/SP/SCP						
2	LS 12%	0-7	SBK/SCL	FR/SS/SP/SCP		40" AR				55
		7-40	SBK/C	FI/S/P/SCP						
3	LS 12%	0-12	SBK/SCL	FR/SS/SP/SCP		48"				13%
		12-48	SBK/C	FI/S/P/SCP						
4	LS 12%	0-12	SBK/C	FR/SS/SP/SCP		48"				13%
		12-48	SBK/C	FI/S/P/SCP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	1	2
System Type(s)	Conventional	Proposed
Site LTAR	0.5	0.5
Maximum Trench Depth	36"	23"

SITE CLASSIFICATION (.0304): Suitable
EVALUATED BY: T. Thompson, LSS
OTHER(S) PRESENT:

Comments:

LICENSED SOIL SCIENTIST — TARA B. THOMPSON — 1287 — STATE OF NORTH CAROLINA

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

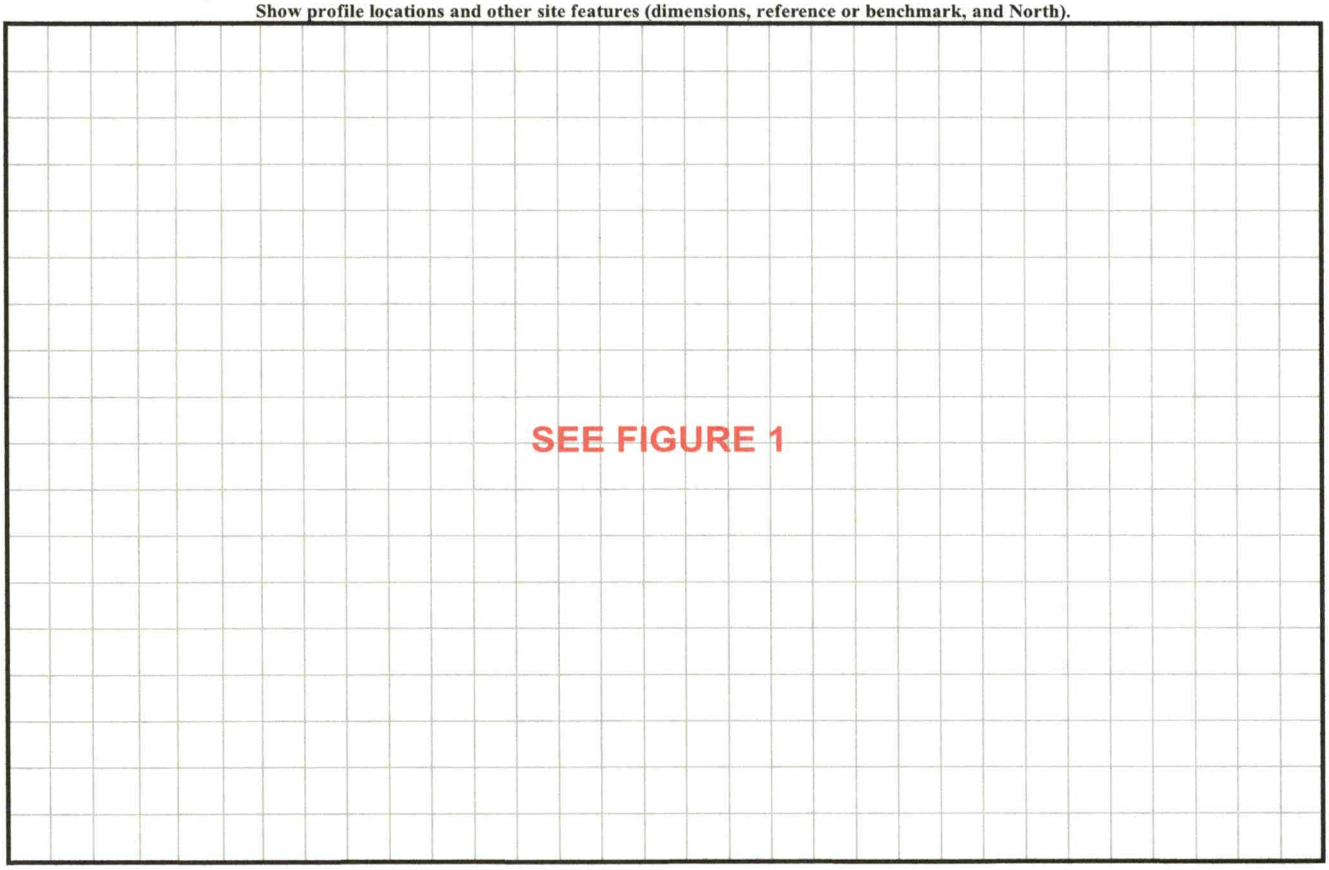
RESTRICTIVE HORIZON Thickness and depth from land surface

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).



IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*)** _____

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: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; 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:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. 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.

☒ **2.** I, Marlin Coblentz, am the legal owner(s) of the property located at 173 Beck Lane, Statesville, NC 28625, identified as PIN (Parcel Identification Number) 4788602041.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**)
Larry Thompson, LSS, Thompson Environmental, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- 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 Iredell County Department of Public Health, Environmental Health Division.

Marlin Coblentz (Apr 15, 2024 07:54 EDT)

Signature of Owner(s)

Apr 15, 2024

Date

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).

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

THOMPSON ENVIRONMENTAL CONSULTING, INC.
WATER ♦ WASTEWATER ♦ WETLANDS

August 22, 2024

RE: Notice of Intent to Revoke Improvement Permit

To Whom It May Concern:

By way of this letter I, Marlin Coblentz, request that Iredell County revoke my current Operation Permit and issue a new AOWE permit (prepared by Thompson Environmental Consulting, Inc,) for my property located at 173 Beck Lane, Statesville, NC 28625.

Please feel free to contact me should you have any questions regarding this correspondence.

Sincerely,

Marlin Coblentz (Aug 22, 2024 17:46 EDT)

Marlin Coblentz
50 Berea Church Quincy Road
Hiddenite, NC 28636
(828) 610-1586

PO BOX 541 • MIDLAND, NC • 28107-0541
PHONE: 704-301-4881 • FAX: 206-350-8895
E-MAIL: LARRY@THOMPSONENV.COM
WEB: WWW.THOMPSONENV.COM

173 Beck Lane Revocation Letter (08-22-24)

Final Audit Report 2024-08-22

Created:	2024-08-22
By:	Larry Thompson (larry@thompsonenv.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAGsSadjZ2RyYHEMhjq1I3L5er4SM0Nt-X

"173 Beck Lane Revocation Letter (08-22-24)" History

Document created by Larry Thompson (larry@thompsonenv.com)
2024-08-22 - 6:37:31 PM GMT- IP address: 108.70.197.25

Document emailed to fishcobler@gmail.com for signature
2024-08-22 - 6:37:48 PM GMT

Email viewed by fishcobler@gmail.com
2024-08-22 - 7:01:46 PM GMT- IP address: 172.225.248.227

Signer fishcobler@gmail.com entered name at signing as Marlin Coblentz
2024-08-22 - 9:46:01 PM GMT- IP address: 174.212.161.16

Document e-signed by Marlin Coblentz (fishcobler@gmail.com)
Signature Date: 2024-08-22 - 9:46:03 PM GMT - Time Source: server- IP address: 174.212.161.16

Agreement completed.
2024-08-22 - 9:46:03 PM GMT