ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2022-5054

PIN # 4636-97-5904

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

APPLICANT / OWNER: Larry Thompson APPLICANT ADDRESS: PO Box 541, Midland, NC 28107

SITE ADDRESS: 139 WOOD DUCK LOOP, MOORESVILLE, NC 28117 PHONE: 704-301-4881 ALT. PHONE: 704-791-1025

SITE DIRECTIONS: W Brawley School Rd -> L Canvasback -> L Wood Duck -> lot on L SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Lakeside Farm SECTION: 1 LOT #: 7 LOT AREA: 0.578 DESIGN FLOW: 360 L.T.A.R.: 0.3

Septic Tank: 1000 (gal)	STB: 7100	Date: 11/9/23	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Municipal Water
Pump Tank: 1000 (gal)	PT: 3003	Date: 11/7/23	System Description: PPBPS		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: PPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 200	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 28		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Follow all specifications on LSS/AOWE site plan. Do not pave, grade, park, drive, or bury utilities in drainfield area. 50' Buffer must be marked during installation.

INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Thompson Env. Consulting, Inc.

LSS# 1287 - Larry Thompson
AOWE 10016E

AS BUILT SKETCH

TANKS (see modified locations)
Bottom 2 lines as drawn. SW 1/17/24
Top 2 lines to be moved <10' from PL
* need invoice to verify type of sand ✓
* waiting on email from LSS/AOWE approving modified lengths on top 2 lines & moved tanks ✓
* Foundation drains by tanks to be removed ✓
- 1-18-2024 BLW
- MANIFOLD 10 FT - LINES 11FT
- FLOAT
- ALARM

Electric SW 2/12/2024

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: Date:

IMPROVEMENT PERMIT by: D. Wieberg Date: 10/24/22

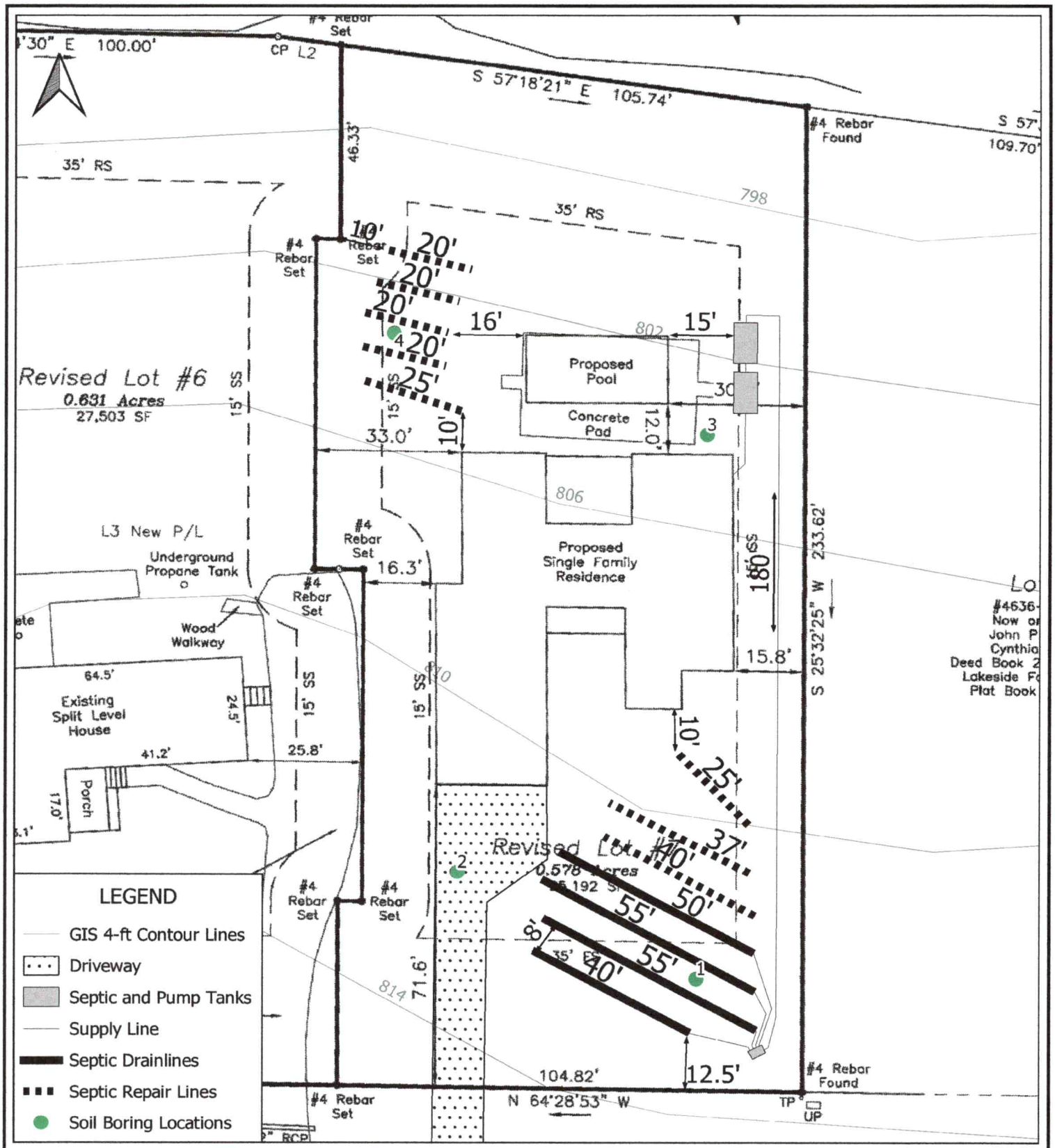
AUTHORIZATION TO CONSTRUCT by: D. Wieberg Date: 10/24/22

Installed By: Stevens

OPERATION PERMIT by: Sara Williams Date: 2/12/2024

Existing System Inspected By: Date:

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



Thompson Environmental Consulting

Prepared For:
Mark Kaplan

Proposed Septic Layout

Lot 7 - Lakeside Farm
Wood Duck Loop
Mooresville, NC 28117
Iredell County

Date: August 2022
Scale: 0 15 30 ft
TEC Job #: 22-72

Figure 1

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

Sheet 1 of 1
PROPERTY ID #: 4636794993
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**

OWNER: Mark Kaplan
ADDRESS:
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: Wood Duck Loop, Mooresville NC 28801
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other LOT 7 - Proposed Form
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

DATE EVALUATED: 3-21-21
PROPERTY SIZE: 0.578 ac
PROPERTY RECORDED:

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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 4%	0-8	SBK/CL	FR/SS/NP/SPR	—	42+	—	—	PS 0.3
		8-31	SBK/C	FI/S/P/SPR					
		31-42+	SBK/CL	FR/SS/NP/SPR					
2	LS 4%	0-22	SBK/C	FI/S/P/SPR	—	42+	—	—	PS 0.3
		22-42+	SBK/CL	FR/SS/NP/SPR					
3	LS 4%	0-32	SBK/C	FI/S/P/SPR	—	42+	—	—	PS 0.3
		32-42+	SBK/CL	FR/SS/NP/SPR					
4	LS 4%	0-18	SBK/CL	FR/SS/NP/SPR	—	42+	—	—	PS 0.3
		18-40	SBK/C	FI/S/P/SPR					
		40-42+	SBK/CL	FR/SS/NP/SPR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PP&P	PP&P
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): Provisional
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST · LARRY E. THOMPSON, JR. · 1287 · STATE OF NORTH CAROLINA

COMMENTS:
The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

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/ft^2

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

SEE FIGURE 1

County: Iredell

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 4636974993.000

Issued To: Mark Kaplan

Property Location: Wood Duck Loop, Mooresville, NC 28117

Subdivision: Lakeview Farm Lot #: 7 Block: _____ Section: _____

LSS Report Provided: Yes ☑ No ☐

If yes, name and license number of LSS: Larry Thompson, LSS

New ☑ Repair ☐ Expansion ☐ System Relocation ☐

Proposed Structure: Single-family residence

Proposed Wastewater System Type: PPBPS (Initial) PPBPS (Repair)

Fill System: ☐ Yes ☑ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area please provide a fill plan)

Proposed Design Daily Flow: 360 GPD Proposed LTAR (Initial): 0.3 Proposed LTAR (Repair): 0.3

Design Wastewater Strength: ☑ domestic ☐ high strength ☐ industrial process

Number of bedrooms: 3 Number of Occupants: 6 Other: _____

Pump Required: ☑ Yes ☐ No ☐ May be required based upon final location and elevations of facilities

Artificial Drainage Required: ☐ Yes ☑ No If yes, please specify details: _____

Type of Water Supply: ☐ Private well ☐ Public well ☑ Municipal Supply ☐ Spring ☐ Other: _____

Drainfield location meets requirements of Rule .1945: Yes ☑ No ☐

Drainfield location meets requirements of Rule .1950: Yes ☑ No ☐

Permit valid for: ☑ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

System installer shall be pre-approved by Thompson Environmental Consulting, Inc.

Licensed Soil Scientist Print Name: Larry Thompson, LSS

Licensed Soil Scientist Signature: _____ Date: 9/12/22

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

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).

County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: 9/20/22 (Date) by online (Initials)

Permit Number: OSWP-2022-5054

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

_____

_____

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☒ Complete

State Authorized Agent: D. Mebez Date of Issuance: 10/24/22

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 10/24/27

See attached site sketch

County: Iredell

CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 4636974993.000

Issued To: Mark Kaplan

Property Location: Wood Duck Loop, Mooresville, NC 28117

AOWE/PE Plans/Evaluations Provided: Yes ☒ No ☐ If yes, name and license number of AOWE/PE: Larry Thompson AOWE# 10016E

Facility Type: Single-family residence

☒ New ☐ Expansion ☐ Repair ☐ System Relocation

Basement? ☐ Yes ☒ No Basement Fixtures? ☐ Yes ☐ No

Type of Wastewater System** PPBPS (Initial) PPBPS (Repair)

Design Daily Flow: 360 GPD Wastewater Strength: ☒ domestic ☐ high strength ☐ industrial process

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? ☐ Yes ☒ No

Installation Requirements/Conditions

Septic Tank Size: 1,000 gallons Total Trench/Bed Length: 200 feet Trench/Bed Spacing: 8 feet on center

Drainfield square footage: 400 Trench/Bed Width: 24 inches LTAR: 0.3 gpd/ft²

Soil Cover: 6 inches Slope Adjusted Maximum Trench/Bed Depth: 28 inches

Aggregate Depth: N/A inches above pipe 6 inches below pipe 22 inches total

Pump Tank Size (if applicable): 1,000 gallons Requires more than 1 pump? ☐ Yes ☒ No

Pump Requirements: 20 ft. TDH vs. 26.81 GPM Grease Trap Size (if applicable): N/A gallons

Distribution Method: ☐ Serial ☐ D-Box or Parallel ☐ Pressure Manifold(s) ☒ LPP ☐ Other:

Artificial Drainage Required: Yes ☐ No ☒ If yes, please specify details:

Legal Agreements *(If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)*

Multi-party Agreement Required [.1937(h)]: ☐ Yes ☒ No

Easement, Right-of-Way, or Encroachment Agreement Required [.1938(j)]: ☐ Yes ☒ No

Declaration of Restrictive Covenants: ☐ Yes ☒ No

****If applicable:**

I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Print Name:

Owner/Legal Representative Signature: Date:

Pre-Construction Conference Required: Yes ☐ No ☒

Conditions: Permit is non-transferable.

System installer must be pre-approved by Thompson Environmental Consulting, Inc.

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

AOWE/PE Print Name: Larry Thompson

AOWE/PE Signature: Date: 9-20-22

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

See attached site sketch

County: _____

This Section for Local Health Department Use Only

Initial submittal received: _____ by _____
Date *Initials*

Permit Number: _____

G.S. 130A-335(a6) states the following: *'If a local health department fails to act on an application for a construction authorization submitted pursuant to subsection (a5) of the section within 10 business days of receipt of a complete application, the local health department shall issue the construction authorization.'*

In accordance with G.S. 130A-335(a5) the construction authorization application is:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing: _____

_____

Copies of this were sent to the AOWE/PE and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

Copies of this were sent to the AOWE/PE and the Owner on _____
Date

State Authorized Agent: _____ Date: _____

☒ Complete

State Authorized Agent: D. Mebery Date of Issuance: 10/24/22

This Construction Authorization is issued pursuant to G.S. 130A-335(a2), (a5), and (a6) using the signed and sealed plans or evaluations attached here. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner. Final landscaping shall be constructed to divert water and establish vegetative cover.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to plans, evaluations, preconstruction conference findings, submittals, or actions from a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator in GS 130A-335(a2), (a5), and (a7). The Department, the Department's authorized agents, and the local health departments shall be responsible and bear liability for their actions and evaluations and other obligations under State law or rule, including the issuance of the operations permit pursuant to GS 130A-337.

Construction Authorization Expiration Date: 10/24/2027

See attached site sketch

H. Final Landscaping

1. Final cover over the drainfield shall be at least 6 inches deep (additional soil cover may be required to achieve the **6-inch requirement**).
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.

I. Utility Conflicts

1. The builder and property owner must take special care in planning for water, power, gas, telephone, and cable lines. These utilities shall be kept clear of all parts of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact the local health department as soon as possible.
2. Lawn irrigation should not be placed over the drainfield area.

Maintenance

J. 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 that is equivalent to 25 percent of the volume of the tank. 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 it becomes necessary to clean the effluent filter, the filter should be removed, and the accumulated debris 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 (minimum)
Pump Tank Size:	1,000 Gallons (minimum)
Pump Requirements:	26.81 GPM at 20 Feet TDH

Wood Duck Loop

Recommended Pump:	Liberty LF50 or equiv.
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	PPBPS
Distribution Method:	Manifold
Number of Taps:	4 1 – ½ Inch SCH 80 PVC Tap 3 – ½ Inch SCH 40 PVC Taps
Pressure Head:	2 Feet
Dosing Volume:	158.40 Gallons
Pump Run Time:	5.91 Minutes
Pump Tank Drawdown:	7.54 Inches
Number of Drainlines:	4
Drain Lines:	1 – 2-ft Wide x 40-ft Long 2 – 2-ft Wide x 55-ft Long 1 – 2-ft Wide x 50-ft Long
Total Trench Length:	200 Linear Feet
Total Number of Panels:	44
Trench Depth:	28 Inches (low side)
Final Cover Requirement:	6 Inches

Repair Specifics

Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	PPBPS
Required Drianline Length:	200 Linear Feet
Total Available Trench Length:	207 Linear Feet
Trench Depth:	28 Inches
Final Cover Requirement:	6 Inches

* *See attached septic layout for more details*

139 Wood Duck Loop

Larry Thompson <larry@thompsonenv.com>

Thu 1/18/2024 8:14 PM

To:Sarah Bracken <sarah.bracken@iredellcountync.gov>
Cc:Chris Stevens (Stevens Septic) <stevenssepticservice@yahoo.com>

Hi Sarah,

The purpose of this email is to confirm that I am in agreement with the drainline length field changes made by Stevens Septic Service for 139 Wood Duck Loop.

Please let me know if you need anything additional from me.

Thank you!

Larry

Larry Thompson, PWS, LSS
Thompson Environmental Consulting, Inc.
www.thompsonenv.com
704-301-4881 cell

Osprey Sands, LLC dba Osprey Minerals
391 Fairview Church Road
Mt. Croghan, SC 29727
(843) 658-6885

Invoice

Invoice Date	Invoice #
12/12/2023	110519
Terms: Net 30	
	Page 1

Bill To:
Account ID: NORWOOD_TRUCK Norwood Trucking & Grading, Inc. PO Box 247 Waxhaw, NC 28173

Ship To:
Order ID: CONCRETE_SAND Concrete Sand

Description (Ticket, Date & Material)	Order #	Tons	Cost/tn	Material Cost	Delivery Charge	Misc Charges	Line Total
122995 12/4/2023 Concrete Sand	CONCRETE_SAND	24.42					
123309 12/7/2023 Concrete Sand	CONCRETE_SAND	24.29					
123442 12/8/2023 Concrete Sand	CONCRETE_SAND	23.91					
						Sub Totals	
						Sales Tax (8.0%)	
						Balance Due	

PERMIT SNAPSHOT REPORT OSWP-2022-5054 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: Fees Paid
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wieberg, Danielle
App Date: 09/20/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: SESSION LAW IP and CA for 3-bedroom single family residence.

Parcel: 4636975904.000 Main
Address: 139 Wood Duck Loop Main
Mooresville, NC 28117
Zone: R-20(Suburban Residential District)

Applicant/Authorized Agent
Larry Thompson
PO Box 541
Midland, NC 28107

Property Owner
Mark Kaplan
Mobile: (704) 791-6254

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	60-ft x 78-ft	What are the proposed structures	New Single Family Residence, Swimming Pool
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	6
Foundation Type	Concrete Slab Foundation	Water Supply	Municipal Water	Desired Septic System Type	Other
If other septic system type, please explain	Pre-fabricated Permeable Block Panel System	Has this project been approved by TRC	No	Lot Acreage	0.578
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	WSIV CA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Larry_Thompson_9/20/2022.jpg	09/20/2022 14:59	Thompson, Larry		Uploaded via CSS
Agent Authorization Form - signed_v1.pdf	09/29/2022 9:46	Nebel, Barbara	Available Online	Authorize to Act as Agent
Figure 1_v1.pdf	09/29/2022 9:46	Nebel, Barbara	Available Online	Site Plan
Wood Duck Loop Session Law Package (09-13-22)_v1.pdf	09/29/2022 9:46	Nebel, Barbara	Available Online	Additional Supporting Information

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00003475	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$1,200.00	$1,200.00
	Total for Invoice INV-00003475	$1,277.25	$1,277.25
	Grand Total for Permit	**$1,277.25**	**$1,277.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		09/29/2022 0:00	09/29/2022 9:46
Confirm application complete v.1	Generic Action		09/29/2022 9:46
Fees v.1		10/20/2022 0:00	10/20/2022 15:45
Issue Invoice v.1	Generic Action		10/20/2022 15:45
Fees Paid v.1	Generic Action		10/20/2022 15:45
Zoning Review v.1		09/29/2022 0:00	10/20/2022 15:45
Iredell County Zoning Approval v.1	Task	09/29/2022 0:00	10/12/2022 8:18

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, Mark Kaplan, am the legal owner(s) of the property located at Wood Duck Loop, identified as PIN (Parcel Identification Number) 4636974993.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**)

Larry Thompson, 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.

Mark kaplan (Sep 20, 2022 13:20 EDT)

Signature of Owner(s)

Sep 20, 2022

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).

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