BLDR-2023-39490

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-29125

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

PIN # 4775 -91 -4497

APPLICANT/OWNER: Soil & Forestry Services APPLICANT ADDRESS: 126 Third Creek Rd Statesville NC 28677

SITE ADDRESS: 102 Morton CT Statesville NC 28625 PHONE: 980-223-8352 ALT. PHONE –

SITE DIRECTIONS: Hwy 64 to Berry Oak to Woodstone SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Woodstone Estates SECTION: – LOT # 20/20A LOT AREA: .24/.31 AC DESIGN FLOW: 360 L.T.A.R.: .25

Septic Tank 1000 (gal) STB 760 Date 9/19/23
Pump Tank 1000 (gal) PT 363 Date 10/2/23
Pump Make – Model – Serial # –
Nitrification Fields 1 # Lines 4 Linear Ft 240
Trench Width 24in. Trench Bottom Depth(Low side) 28in Gravel Depth –

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: PM-PPBPS
Repair System Description: CP-HPPBPS.
Maintenance Agreement Required: ☐ YES ☒ NO
☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 3
☐ Business No. Persons 6
☐ Other No. Employees –
☒ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335 (a2) & (a3) using the Signed and Sealed LSS/LG Evaluation.

(4) ½ sch 40 Taps @ 28.44 gpm Flow Rate
200 gallon dose - 9.5 inch Drawdown

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

11/17/2023 Tanks need filth
1/19/2024. Pressurized Floats Alarm.

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: Installed by: Frye Grading

IMPROVEMENT PERMIT by: Date: 10/22/2023 OPERATION PERMIT by: Date: 2/13/24

AUTHORIZATION TO CONSTRUCT by: Date: 8/22/2023 Existing System Inspected by: Date:

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

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Permit #: OSWP-2023-29125

This Section for Local Health Department Use Only

Initial submittal received: 6/15/2023 (*Date*) by BB (*Initials*)

G.S. 130A-335(a3) states the following:

When an applicant for an Improvement Permit submits to a local health department an Improvement Permit application, the permit fee charged by the local health department, the common form developed by the Department, and a soil evaluation pursuant to subsection (a2) of this section, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Improvement Permit includes all of the required components. If the local health department determines that the Improvement Permit is incomplete, the local health department shall notify the applicant of the components needed to complete the Improvement Permit. The applicant may submit additional information to the local health department to cure the deficiencies in the Improvement Permit. The local health department shall make a final determination as to whether the Improvement Permit is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The Department shall develop a common form for use as the Improvement Permit.

The review for completeness of this Improvement Permit was conducted in accordance with G.S. 130A-335(a3). This Improvement Permit is determined to be:

☐ 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 Applicant on _____ (*Date*)

State Authorized Agent: _____ Date: _____

☑ Complete

State Authorized Agent: Benjamin A Botkins Date: 8/14/2023

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2) and (a3) 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 permit is subject to revocation if the site plan, plat, or the intended use changes. 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 the conditions of this permit.

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: 8/14/2028

See attached site sketch

L+20 ✓

PERMIT SNAPSHOT REPORT OSWP-2023-29125 FOR IREDELL COUNTY

Permit Type:	OSWP - AOWE|Session Law|EOP|Expedited Review	**Project:**		**App Date:**	06/26/2023
Work Class:	OSWP - AOWE|Session Law|EOP|Expedited Review	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Botkins, Ben	**Approval Expire Date:**	
Description:	Session Law				

Parcel: 4775914497.000 Main	**Address:** 102 Morten Ct Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Project Contact	Applicant	Soil Scientist	Property Owner
PECONIC BAY HOMES INC 127 Bluff Meadow Lane Mooresville, NC 28115 Business: (704) 235-8489	SOIL AND FORESTRY SERVICES 126 Third Creek Rd Statesville, NC 28677 Business: (980) 223-8352	SOIL AND FORESTRY SERVICES 126 Third Creek Rd Statesville, NC 28677 Business: (980) 223-8352	K+T PROPERTIES V LLC

Permit Custom Fields

EHExpeditedApplication/PermitType	Session Law	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	50X43
What are the proposed structures	New Single Family Residence	New Single-Family Residence	Stick Built	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	Modified Conventional	If other septic system type, please explain	
Has this project been approved by TRC	No	Lot Acreage	0.24	Front Setback	18
Back Setback	18	Left Setback	8	Right Setback	18
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	Yes	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Randi_Williams_6/26/2023.jpg	06/26/2023 10:21	Williams, Randi		Uploaded via CSS
29125 site plan.pdf	06/28/2023 12:54	Williams, Deborah	Available Online	
Agent_Form_20_v2.pdf	06/28/2023 12:54	Williams, Deborah	Available Online	Authorize to Act as Agent

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00016568	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Pump System	$1,200.00	$1,200.00
	Total for Invoice INV-00016568	$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		06/28/2023 12:55	06/28/2023 12:55
Confirm application complete v.1	Generic Action		06/28/2023 12:55
Fees v.1		07/03/2023 15:26	07/03/2023 15:26
Fees Paid v.1	Generic Action		07/03/2023 15:26

PERMIT SNAPSHOT REPORT (OSWP-2023-29125)

Issue Invoice v.1	Generic Action		07/03/2023 15:26
Zoning Review v.1		06/28/2023 12:57	07/05/2023 11:26
~~Floodplain Admin Overview v.1~~	Task		06/28/2023 12:57
Iredell County Zoning Approval v.1	Task	06/28/2023 12:57	07/05/2023 11:26
~~Mooresville Zoning Approval v.1~~	Task		06/28/2023 12:57
~~Statesville Zoning Approval v.1~~	Task		06/28/2023 12:57
~~Troutman Zoning Approval v.1~~	Task		06/28/2023 12:57
Issue Invoice v.1	Generic Action		07/03/2023 15:27
Fees Paid v.1	Generic Action		07/03/2023 15:27
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		
Issue Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0018
June 22, 2023

K + T Properties V, LLC
Attn: *Pete Denicola*
Email: pete@peconicbayhomes.com

RE: Soil& Site Evaluation for a 3 Bedroom Residence on Lot 20 Proposed (Septic Field Easement) Barry Oak Subdivision, 0.23 ac Parcel, PIN# 4775914497, Barry Oak Road, Statesville, NC 28625.

Mr.Denicola:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above.The Lot size is noted in a table on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property wasmostly cleared. Topography within the evaluated area was gently sloped proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Don Allen & Associates. The client provided an Autocad File of a survey as a basemap. The proposed septic layout was located by the surveyor and used to produce the attached *Site Plan*. The engineer (Piedmont Design & Associates) will be providing all information for the offsite innovative approval for design purposes to Iredell County Health Department.

Methodology

We evaluated soil areas through the use of backhoe pits.Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with three backhoe pits on the property flagged and located via GPS. All three of the backhoe pits are located in or adjacent to the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems".*Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each pit. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were located via GPS andtape measures. Detailed system & repair information is summarized in the following paragraph for this Easement.

Barry Oak Subdivision Lot 20 Septic Field Easement Proposed *(See Attached Design)*
The septic layout for this lot (9' centers) yielded a total of 569 linear feet of line. LTAR is 0.25. The primary system is proposed as 240 linear feet of Modified Conventional(50% Reduction PPBPS) drainfield with low pressure distribution. Trench depth (LOW SIDE) is specified at 30 inches. The repair system is proposed as 240 linear feet of Modified Conventional (50% Reduction HPPBPS) drainfield with low pressure distribution. Trench depth (LOW SIDE) is specified at 22 inches. There is 329 linear feet available for repair.

Session Law Requirements

All information needed to issue the IP must be submitted with the application. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"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)."

Owner

Date

Print Name Kathryn Tennille Klink
Signature [signature] 06/23/23

The LSS evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

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

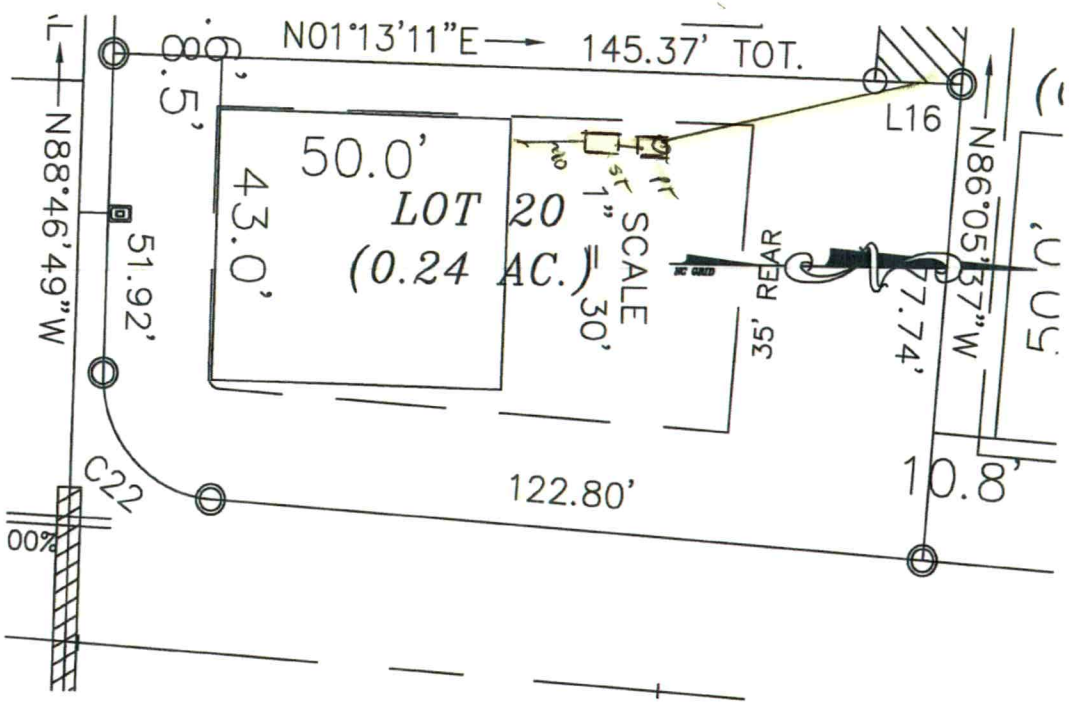
Disclaimer
This report reflects the findings of S&FS, PA. *This LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."* Any site modifications that impact the proposed septic areas on Lot 20 of Septic Field Easement of Barry Oak Subdivision may nullify the permit. Authorization to Construct by local Health Department shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

LICENSED SOIL SCIENTIST SAMUELA. ROLLANS 1231 STATE OF NORTH CAROLINA

S. Ashley Rollans, LSS
Attachments: *Site Plans, Improvements Permit Form & Soil Evaluation Form*

S01°09'2
24.9
S28°36'32"W
65.53' TOTAL
S54°06'31"W
R 18'
2 O 29'
Y 36'
4 B 45'
5 P 54'
P14
100.00'
SCALE
1" = 30'
TOTAL
22"W
6 R 69'
Supply Line
Install 60
Install 60
Install 60
Install 60
7 O 20'
P15
10 P 45'
11 R 42'
12 O 22'
P16
91.71'
S01°04'58"W
71.80'
20'
11.39'
92
157.41'
80.37'
73'
92.50'
100.00' TOTAL
S88°55'02"E
42.50'
S01°04'58"W
70.27'


N01°13'11"E
145.37' TOT.
L16
N86°05'37"W
N88°46'49"W
68.5'
50.0'
43.0'
LOT 20
(0.24 AC.)
1" = 30'
SCALE
35' REAR
27.74'
51.92'
C22
122.80'
10.8'

Sheet 1 of 1

PROPERTY ID #: 4775914497

COUNTY: Iredell

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

OWNER: K&T Properties

ADDRESS: 127 Bluff Meadow Ln Mooresville NC 28115

PROPOSED FACILITY: 3 BR Residence-360 gpd

LOCATION OF SITE: Barry Oak Subdivision off site septic easements- Lot 20

APPLICATION DATE:

DATE EVALUATED:

PROPERTY SIZE: 0.23

PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☐ Well ☐ Spring ☑ Other County Water

EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPR CLASS	.1944 RESTR HORIZ	
14	L/8%	0-5	RBCLWMSBK	FSSSP	COMPACTED				PS
		5-30	RBCWMSBK/SBK	FRSSSP					0.25 SHALLOW
		30-60	RBCWSBK	FRSSSP	F/C FE DEPL	71"			0.3 DEEP
		30-71	RBCLWFSBK	FRSSSP	FSAP				
15	L/12%	0-10	FILL		POSS STUMP HOLE				
		10-26	RBCWMSBK/ABK	FRSSSP		70"			PS 0.275-0.3
		26-70	RBCLWMSBK	FRSSSP	CSAP YELLOW LITHO				
16	L/15%	0-6	BCLWFSBK	FRSSSP					
		6-31	BRCWMSBK/ABK	FRSSP		65"			PS-44 0.25
		31-65	RBC/CLMSBK	FRSSSP	F/C SAP FE DEPL CHR2@44"				
								N/A	
								N/A	
								N/A	
								N/A	

LICENSED SOIL SCIENTIST
SAMUEL A. ROLLANS III
1231
STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Types(s)	modified conventional LP	modified conventional LP
Site LTAR	APPS 0.25	APPS 0.25

OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Ashley Rollans

OTHER(S) PRESENT: Chad Wagner & Mason Freeman

COMMENTS:

County: Iredell

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

PIN/Lot Identifier: 4775914497

Issued To: K & T Properties LLC

Property Location: 102 Marten Ct Statesville NC 28625

Subdivision: Woodstone Lot #: 20 Block: _____ Section: _____

LSS Report Provided: Yes ☒ No ☐

If yes, name and license number of LSS: Samuel Ashley Rollens #1231

New ☒ Repair ☐ Expansion ☐ System Relocation ☐

Proposed Structure: Single Family

Proposed Wastewater System Type: Modified Conventional 50% PPBPS (Initial) Same but HPPBPS (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): 0.25 Proposed LTAR (Repair): 0.25

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:

See design

Licensed Soil Scientist Print Name: Samuel Ashley Rollens

Licensed Soil Scientist Signature: Samuel A Rollens Date: 6/23/23

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

See attached site sketch

PM (-1) 1/2 sch40 Tops. PPBPS.

4 * 60 ps. 25

Vertical. 24 in - 28 in Long. - TB.

TW 32 in max