ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 2023-15249

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

PIN # 4638 -- 49 -- 9286

APPLICANT/OWNER: Benfield Outdoor | APPLICANT ADDRESS: 939 Brawley School Rd, Mooresville

SITE ADDRESS: 110 Seneca Pl, Mooresville 28117 | PHONE: 704-360-0376 | ALT. PHONE

SITE DIRECTIONS: Perth - Stumpy Creek - Seneca | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL&T | SECTION: 14 | LOT # 107 | LOT AREA: 0.681 acres | DESIGN FLOW: 360 gpd | L.T.A.R.: EX(I) / .15(R)

Septic Tank	EX (gal)	STB	Date	☐ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description:	EXISTING	☐ Business	No. Persons 6
Pump Make	Model		Serial #	Repair System Description:	DRIP (.15)	☐ Other	No. Employees
# Nitrification Fields	EX # Lines EX		Linear Ft EX	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☐ Crawl Space
Trench Width	EX Trench Bottom Depth(Low side) EX			Gravel Depth –	☒ GRAVITY ☐ PRESSURE	☒ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Purpose of this permit is to relocate repair area.

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11. (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by: BOSS

LSS #: 1258 Date: 4/4/23

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.

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: Online Signature | Date: | Installed by:

IMPROVEMENT PERMIT by: Cay Whit | Date: 4/4/23 | OPERATION PERMIT by: Cay Whit | Date: 4/14/23

AUTHORIZATION TO CONSTRUCT by: Cay Whit | Date: 4/14/23 | Existing System Inspected by: | Date:

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

County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: 3/22/23 (Date) by CW (Initials)

Permit Number: 2023-15249

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: Cory Whl Date of Issuance: 4/4/23

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: 4/4/28

See attached site sketch

County: Iredell

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

PIN/Lot Identifier: 4638499286.000

Issued To: Todd Hill

Property Location: 110 Seneca Place

Subdivision: Crescent Land + Timber Corp Lot #: 107 Block: - Section: -

LSS Report Provided: Yes ☑ No ☐

If yes, name and license number of LSS: Miranda Stamper 1258

New ☐ Repair ☐ Expansion ☐ System Relocation ☑

Proposed Structure: relocate repair area for a pool

Proposed Wastewater System Type: _____ (Initial) subsurface drip irrigation (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): - Proposed LTAR (Repair): 0.15

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

Number of bedrooms: 3 Number of Occupants: 6 max 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:

Licensed Soil Scientist Print Name: Miranda Stamper

Licensed Soil Scientist Signature: Miranda Stamper Date: 1/31/23

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

See attached site sketch

DocuSign Envelope ID: F0917220-9A99-47B8-B022-5620526A9003

BENFIELD OUTDOOR SERVICES & SOLUTIONS

Benfield Outdoor Services & Solutions
Phone: (704) 360-0376
939 Brawley School Rd.
Mooresville, North Carolina 28117
Info@yardsbyboss.com
LSS: Miranda Stamper #1255A

Iredell County Environmental Health Department
610 East Center Avenue
Mooresville, NC 28115
Phone: 704-664-5281
Fax: 704-664-9737

Recommended Wastewater Disposal System
Owner: Todd Hill
PIN: 4638499286.000

To whom it may concern,

You will find attached a copy of the wastewater disposal system proposed for the owners Todd Hill of lot #(s) 107, PIN # 4638499286.000 on 110 Seneca Place in Iredell County. Also attached are the sealed soil notes, site plan and design for an onsite wastewater disposal system. The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2). Please review the attached proposal and contact me if you have any questions or concerns.

The LSS evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with G.S. 130A-335(a2).

Owner: Todd Hill

DocuSigned by:
Signature: Todd Hill
622FB7C9AAD44FA...

Signature: _____

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

Miranda Stamper, LSS

Signature: Miranda Stamper, LSS

LINE SCHEDULE				
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)	DESIGN LENGTH (FT)
1	WHITE	1.5	74	0
2	GREEN	2.2	86	0
			TOTAL	TOTAL
			160	0

110 SENECA PLACE, MOORESVILLE NC.
SECTION 14, LOT 107 RECREATION LOTS

3-BEDROOM EXISTING GRAVITY CONVENTIONAL & Q4 CHAMBER SYSTEM
LINES 1 & 2 TOTAL LINEAR FT (USE -')
LTAR -
25% REDUCTION -' OC
-" TRENCH BOTTOM (EXISTING)

1-BEDROOM PRETREATMENT (TS2) SUBSURFACE DRIP IRRIGATION SYSTEM (AMERICAN PERC-RITE)
1050 SQUARE FEET
LTAR 0.15
26" TRENCH BOTTOM (REMOVE FILL UPON INSTALLATION)

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

Notes: SOIL INFORMATION PROVIDED BY MIRANDA STAMPER LSS
CONVENTIONAL SEPTIC SYSTEM IS REPAIR EXEMPT

CONDITIONS: MUST BE INSTALLED BY A LICENSED SEPTIC INSTALLER. DRAINFIELD AREA MUST MAINTAIN NATURAL CONTOURS & SLOPE. IMPROPER OR EXCESSIVE GRADING, & EXCEEDING THE POOL'S PROPOSED WATER'S EDGE WILL VOID THIS DESIGN AND BOSS IS NOT LIABLE.



LICENSED SOIL SCIENTIST
MIRANDA E. STAMPER
M E Stamper
1/31/23
1258
STATE OF NORTH CAROLINA

BOSS	Benfield Outdoor Services & Solutions, LLC 939 Brawley School Rd, Mooresville, NC 28117 Ph:704-360-0376 Info@yardsbyboss.com	SOUTHERN CHARM VACATIONS	LOT 5 110 SENECA PLACE, MOORESVILLE, NC IREDELL COUNTY

DATE: 1/21/23 DRAWN BY: MDB REVIEWED BY: IMES

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: _____ Lot # _____ APPLICATION DATE: _____
ADDRESS: 110 Seneca Place DATE EVALUATED: 9/29/22
PROPOSED FACILITY: 3 bedroom repair PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____
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				
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B1	L 5-6%	0-32	GR SL/SCL	NS NP FR SEXP	-			FILL MATERIAL/DISTURBED TO 32" STRUCTURE 32-38"	US
		32-38	GR SCL	NS NP FR SEXP					
B2	L 3-4%	0-36	GR SL/SCL	NS NP SEXP	-			FILL MATERIAL/DISTRUBED TO 36" FEW TO COMMON BLACK/GREASY MATERIAL 36-41"	US
		36-41	WSBK CL	SS SP FI					
B3	L 2-3%	2-28	GR SL	NS NP FR				FILL/DISTURBED TO 28" SANDY FILL MATERIAL	Drip 0.15
		28-41	GR/SBK SL/LS	SN NP FR					
B4	L 2-3%	0-18	GR SL	NS NP FR				10% ROCK FRAGMENTS IN UPPER 6" SANDY MATERIAL TO 24"	Drip 0.15
		18-24	SBK C/CL	SS NP FI					
		24	MASSIVE	-					

LICENSED SOIL SCIENTIST STATE OF NORTH CAROLINA 1283
MES Stamper 11/3/23

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	-	-
System Type(s)	-	Drip Repair
Site LTAR	-	0.15 (Amer Perc)

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): B1-3 US, B4 PS
EVALUATED BY: MIRANDA STAMPER
OTHER(S) PRESENT: CARLTON JONES

COMMENTS: fill removal at B3 if used

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: _____ Lot # _____ APPLICATION DATE: _____
ADDRESS: 110 Seneca Place DATE EVALUATED: 1/19/23
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____
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				
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B5	L 2-3%	0-3	GR SL	NS NP FR	DISTUR BED TO 22"	42"	FEW TO COMMON INCLUSIONS @22"	-	.1/0.15 DRIP
		3-22	GR/SBK SCL	SS NP FR/FI					
		22-42	SBK SCL	SS SP FI					
B6	L 3-4%	0-20	GR/SBK SCL	NS NP FR	DISTUR BED TO 20"	40"	-	-	.1/0.15 DRIP
		20-40	SBK CL	SS SP FI					
B7	L 2-3%	0-20	SBK/GR SCL	NS NP FR	DISTUR BED TO 20"	32"	-	-	.1/0.15 DRIP
		20-32	SBK CL	SS SP FI					

LICENSED SOIL SCIENTIST ... STATE OF NORTH CAROLINA
M E Stamper 1/31/23

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	-	PS
System Type(s)	-	SUBSURFACE DRIP IRRIGATION
Site LTAR	-	0.15 (Am Perc)

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MIRANDA STAMPER
OTHER(S) PRESENT: MICHAEL BENFIELD

COMMENTS: _____