# ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 328063

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

PIN # 4626518464

APPLICANT/OWNER: Benfield Outdoor Services + Solutions APPLICANT ADDRESS: 939 Brawley School, Mooresville NC 28117.

SITE ADDRESS: 219 Freshwater Lane Mooresville NC 28117. PHONE: 704-360-0376 ALT. PHONE –

SITE DIRECTIONS: Brawley School Rd @ to South Fork @ to Freshwater house on Left.

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Farms SECTION: P2 LOT # 248 LOT AREA: 1.342 Ac DESIGN FLOW: 600 L.T.A.R.: .30

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1,500 | (gal) | STB | Ext | Date | Ext | ☐ New System ☐ Repair ☐ Expansion | System Type: I II III IV V VI | ☒ Residence | No. Bedrooms | 5 | Water Supply |
| Pump Tank | 1500 | (gal) | PT | Ext | Date | Ext | System Description: Relocation - PM-25% Reduction | | ☐ Business | No. Persons | 10 | ☐ Private |
| Pump Make | | | Model | | Serial # | | Repair System Description: LP - Panel Blue 50% Reduction | | ☐ Other | No. Employees | | ☐ Public |
| # Nitrification Fields | 1 | | # Lines | 1 | Linear Ft | 128 | Maintenance Agreement Required: ☐ YES ☒ NO | | ☐ Slab | ☒ Crawl Space | | ☒ Community |
| Trench Width | 36in | | Trench Bottom Depth(Low side) | 30in | Gravel Depth | – | ☐ GRAVITY ☒ PRESSURE | | ☐ Basement w/plumbing | | | ☐ Basement w/o plumbing |

Comments / Conditions: Remove existing line to close to pool - Replace with new line as shown. Keep 5ft from Pool.

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:**

Benfield Outdoor Services + Solutions

LSS# 1258 Dated April 22, 2022

AS BUILT SKETCH

*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: 6-30-22 Installed by: BOSS

IMPROVEMENT PERMIT by: Date: 6/29/2022 OPERATION PERMIT by: Date: 5/30/23

AUTHORIZATION TO CONSTRUCT by: Date: 6/21/2022 Existing System Inspected by: Date:

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

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| Pump Make | | Model | | Serial # | | Repair System Description: LP - Panel Blue 50% Reduction | | ☐ Other | No. Employees | | ☐ Public |
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Comments / Conditions: Remove existing line to close to pool - Replace with new line as shown. Keep system 15ft from Pool.

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:**

Benfield Outdoor Services + Solutions

LSS# 1258 Dated April 22, 2022

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Owner / Applicant Signature: [signature] Date: 6-30-22 Installed by: BOSS

IMPROVEMENT PERMIT by: Benjamin A Bass Date: 6/29/2022 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bass Date: 6/21/2022 Existing System Inspected by: Date:

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

New line checked - not plumbed 9/1/22 DW

| | Date | Initials |
|---|---|---|
| Drain Lines Checked | | |
| Tanks Checked | | |
| Pressure Manifold or Valve Box Checked | | |
| Pressure Head Set | | |
| Electrical Checked | | |
| Floats Set | | |
| Alarm Checked | | |
| Maintenance Contract Y / N | | |

DocuSign Envelope ID: 568BDC3B-2AAB-4CA0-8F13-3F67BA3A1B41

# BENFIELD OUTDOOR SERVICES & SOLUTIONS

**Benfield Outdoor Services & Solutions**
Phone: (704) 360-0376
939 Brawley School Rd.
Mooresville, North Carolina 28117
Info@yardsbyboss.com
LLS: Miranda Stamper #1258

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

April 22, 2022

Recommended Wastewater Disposal System
Owners: Mark & Megan Burkett
PIN: 4626518464.000

To whom it may concern,

You will find attached a copy of the wastewater disposal system proposed for the owners Mr. and Mrs. Mark Burkett. The lot of 248, PIN #4626518464.000 located on Freshwater Ln is in Iredell County. Also attached are the sealed soil notes, site plan and design for an onsite wastewater disposal system. This is submitted under Session Law 2018-114 (HB 374). 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 SL-2018-114 Section 11 . System must be installed by a certified septic installer. Drainfield must maintain natural contours and slope, improper or excessive grading will void design of wastewater system.

Owner: Mark & Megan Burkett

Signature: DocuSigned by: Mark Burkett EA24C1DB0BFF4EB...

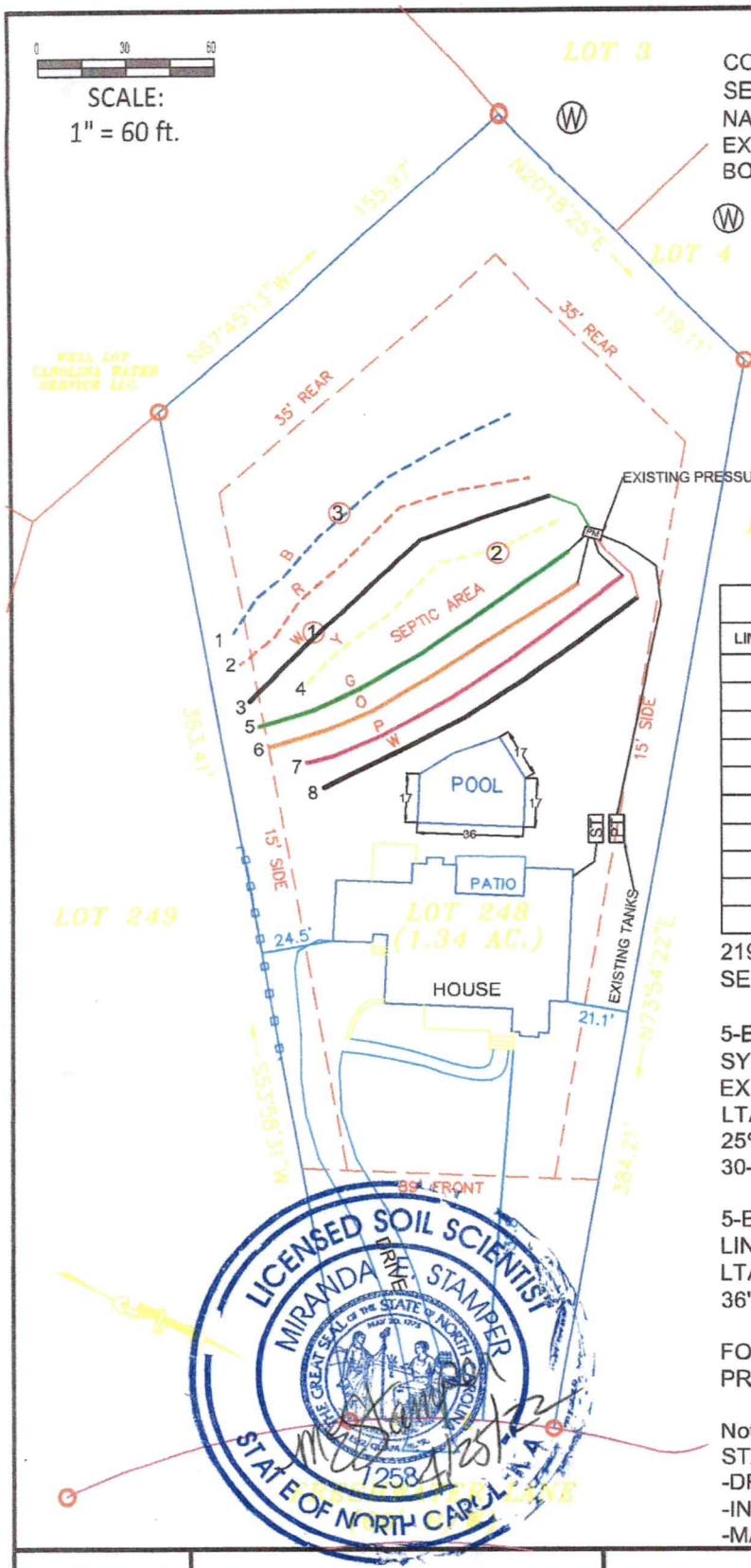
Signature: DocuSigned by: Megan Burkett 4C35BA1C29A9421...

The LSS Evaluation is submitted pursuant to and meeting requirements of SL-2018-114 Section 11 (3)(f)

Miranda Stamper, LSS

Signature: Miranda Stamper, LSS

LICENSED SOIL SCIENTIST
MIRANDA E. STAMPER
1258
STATE OF NORTH CAROLINA
4/25/22




CONDITIONS: MUST BE INSTALLED BY A LICENSED SEPTIC INSTALLER. DRAINFIELD AREA MUST MAINTAIN NATURAL CONTOURS & SLOPE. IMPROPER OR EXCESSIVE GRADING WILL VOID THIS DESIGN AND BOSS IS NOT LIABLE.

ADD LINE/PVC

INITIAL LINE

REPAIR LINE

REMOVE LINE

| LINE SCHEDULE | | | | |
|---|---|---|---|---|
| LINE NUMBER | COLOR | FIELD ELEVATION | LENGTH (FT) | DESIGN LENGTH (FT) |
| 1 | BLUE | 2.2 | 124 | 0 |
| 2 | RED | 3 | 125 | 0 |
| 3 | WHITE | 3.6 | 128 | 128 |
| 4 | YELLOW | 4.1 | 108 | 0 |
| 5 | EXISTING G | 5 | 124 | 124 |
| 6 | EXISTING O | 5.3 | 121 | 124 |
| 7 | EXISTING P | 5.8 | 127 | 127 |
| 8 | EXISTING W | 6.2 | 127 | 0 |
| | | | TOTAL | TOTAL |
| | | | 857 | 503 |

219 FRESHWATER LN, MOORESVILLE, NC 28117
SECTION 2, LOT 248 THE FARMS

5-BEDROOM PRESSURE MANIFOLD TO ACCEPTED SYSTEM
EXISTING LINES 5-7 & NEW LINE 3 TOTAL 503 LINEAR FT
LTAR 0.3
25% REDUCTION 9' OC
30-36" MAX TRENCH BOTTOM

5-BEDROOM LP PANEL BLOCK SYSTEM
LINES 1-2 & 4 TOTAL 357'
LTAR 0.3
36" TRENCH BOTTOM

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

Notes: SOIL INFORMATION PROVIDED BY LSS MIRANDA STAMPER
-DROP EXISTING LINES #8
-INSTALL LINE # 3
-MAINTAIN SETBACKS FROM PROPOSED POOL

BOSS

Benfield Outdoor Services & Solutions, LLC
939 Brawley School Rd, Mooresville, NC 28117 Ph:704-360-0376
Info@yardsbyboss.com

**MARK BURKETT**

**LOT 248**
THE FARMS SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 4/18/22 DRAWN BY: MDB CHECKED BY: MES

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

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

OWNER:
ADDRESS: 219 Freshwater
APPLICATION DATE
DATE EVALUATED: 3/17/22
PROPOSED FACILITY:
PROPOSED DESIGN FLOW (.1949):
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) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | R 2% | 0-10 | SBK/GR SCL | NS NP FR | — | 47" | — | ✓ | 0.3 |
| | | 10-26 | SBK CL | SS MP FI | | | | | |
| | | 26-40 | SBK CL | SS SP FI | | | | | |
| | | 40-47 | SBK CL | SS SP FR | | | | | |
| 2 | R 3-4% | 0-3 | GR SCL | SS NP FR | — | 48" | WSBH @44" | ✓ | 0.3 |
| | | 3-11 | SBK CL | SS NP FI | | | | | |
| | | 11-24 | SBK C | SS P FI | | | | | |
| | | 24-48 | SBK C | NS NP FR | | | | | |
| 3 | R 3-4% | 0-10 | SBK CL | NS SP FR | Goethite @42" | 48" | — | — | 0.3 |
| | | 10-48 | SBK/GR | NS SP FR/FI | | | | | |
| 4 | | | | | | | | | |

LICENSED SOIL SCIENTIST
MIRANDA E. STAMPER
SEAL OF THE STATE OF NORTH CAROLINA
STATE OF NORTH CAROLINA
3/17/22

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 503 LF | 357 LF |
| System Type(s) | 25% Reduction | 50% Reduction |
| Site LTAR | | |

OTHER FACTORS (.1940):
SITE CLASSIFICATION (.1948):
EVALUATED BY: [illegible] Stamper, Sydney Sutcliff
OTHER(S) PRESENT: [illegible] Barfield, Carlton Jones

COMMENTS:

# Pressure Manifold
# Septic System Design

**for**

## 219 Freshwater Lane
**Mooresville, North Carolina**

**Designed by:**

**Michael Benfield**
**Benfield Outdoor Services & Solutions, LLC**
**Mooresville, North Carolina**
**BOSS Project #: 1439A**

**4/21/2022**

# 219 Freshwater Lane
## Table of Contents


Contact Information ---------- 1
Specifications (system) ---------- 2
Tap Chart (system) ---------- 3
Site Plan (System) ---------- 4
Control Panel Specifications ---------- -
Pump Specifications ---------- -
Effuent Filter Specifications ---------- -
Supply Line Hydraulic Profile ---------- -


Attachments


| | | |
|---|---|---|
| Septic and Pumptank Details | Figure | 1 |
| Pressure Mainfold and Trench Details | Figure | 2 |

# 219 Freshwater Lane
## Contact Information

**Client:** Mark Burkett
**Attn:**
**Street Address:**

**Phone:**
**Fax:** na

**Designer:** B.O.S.S.
**Attn:** Michael Benfield
**Street Address:** 939 Brawley School Lane.
Mooresville NC, 28117
**Phone:** 704-658-8616
**Fax:** na

# 219 Freshwater Lane

## Layout/Design Specifications

| | | | |
|---|---|---|---|
| | **Facility Type:** | Single Family Home | |
| | **# of Bedrooms:** | 5 | |
| | **Daily Flow:** | 600 | **gal/day** |
| | **L.T.A.R.:** | 0.300 | **gal/day/sq.ft** |
| | **Trench Depth:** | 36 | **in** |
| | **Trench Width:** | 36 | **in** |
| | **Stone Depth:** | n/a | **in** |
| | **Manifold Length:** | 42 | **in** |
| | **Manifold Diameter:** | 6 | **in sch 80pvc** |
| | **Supply Line Length:** | 110 | **ft** |
| | **Supply Line Diameter:** | 2 | **in sch 40pvc** |
| | ***Supply Line Volume:*** | 19.14 | **gallons** |
| | **Friction Loss + Fitting Loss:** | 1.68 | **ft(supply line length + 70' for fittings in pump tank)** |
| | **Design Head:** | 2 | **ft** |
| | **Elevation Head:** | 9.00 | **ft** |
| | **Total Head:** | 12.68 | **ft** |
| | **Dose Volume:** | 244.05 | **gals** |
| | **% of Pipe Vol.** | .75 | |
| | **Drawdown:** | 12.11 | **in @ 20.16 gal/in** |
| | **Pump Run Time:** | 9.76 | **Minutes** |
| | **Control Panel:** | SJE Rhombus Model112 control panel (or approved equivalent) | |
| | **Pump:** | Zoeller5032-0008 High Flow (or approved equivalent) | |
| | **Tank Effluent Filter:** | Zoeller 170-0144 residential effluent filter (or approved equivalent) | |
| Existing | **Septic Tank:** | 1500 | **gallon Shoaf** PG2 |
| Existing | **Pump Tank:** | 1500 | **gallon Shoaf** |

# 219 Freshwater Lane
## SYSTEM TAP CHART

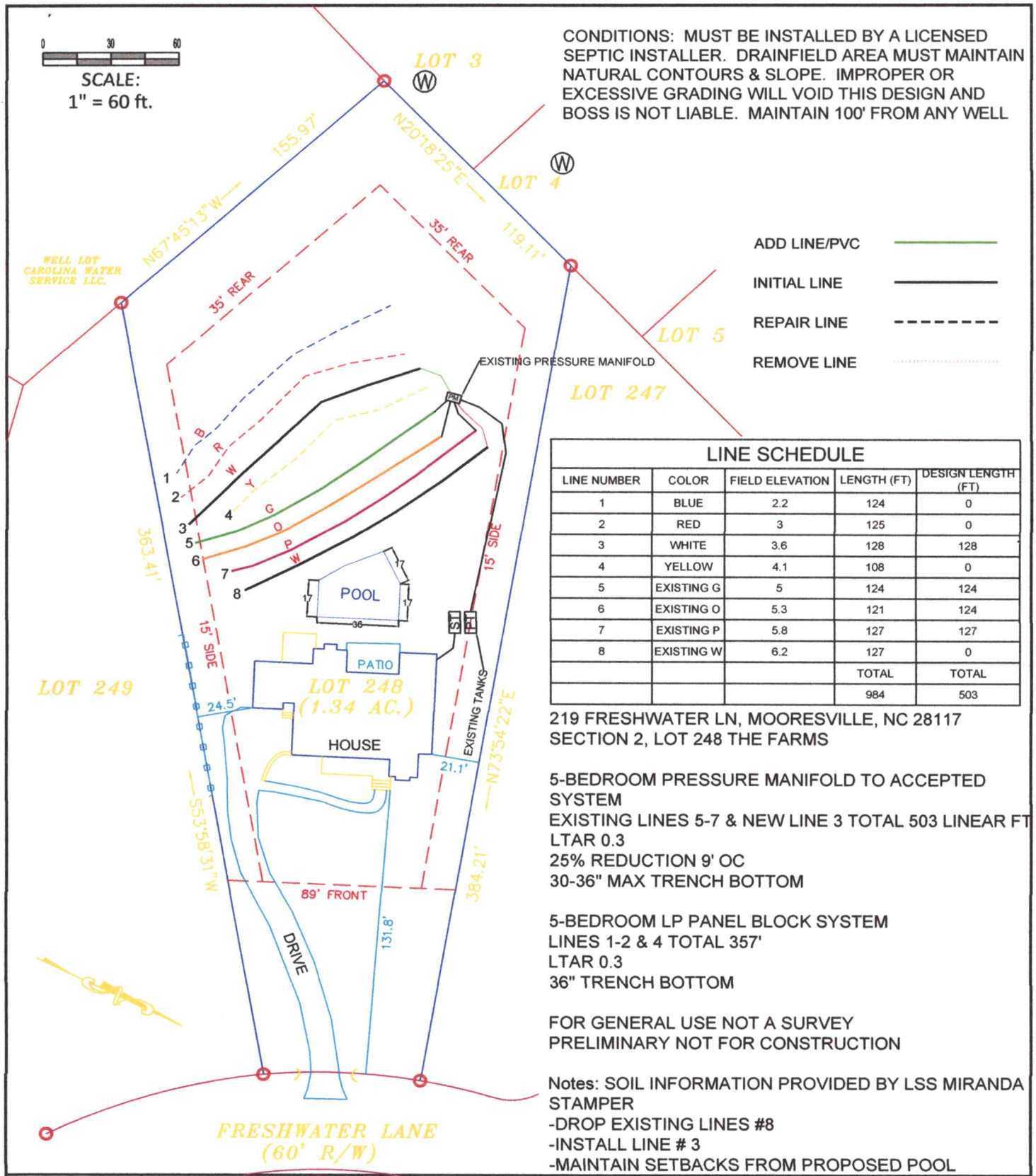
| | | | | | |
|---|---|---|---|---|---|
| **Bench Mark:** | 0 | = 100.00 | **Manifold elev:** | 5.00 | |
| **Pump tank elevation:** | 12.00 | | **Pump elev:** | 6.60 | |

| line | color | rod read | elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 3 | White | 3.40 | 96.60 | 128 | 1/2in SCH 80 | 5.48 | 120.00 | 384 | 0.3125 |
| 5 | Green | 3.50 | 96.50 | 124 | 1/2in SCH 80 | 5.48 | 120.00 | 372 | 0.3226 |
| 6 | Orange | 3.90 | 96.10 | 124 | 1/2in SCH 80 | 5.48 | 120.00 | 372 | 0.3226 |
| 7 | Pink | 4.40 | 95.60 | 127 | 1/2in SCH 80 | 5.48 | 120.00 | 381 | 0.3150 |
| | P-TANK | 12.00 | 88.00 | | | | | | |
| | | **total** | **feet =** | **503** | **gal/min =** | **21.92** | | **LTAR =** | **0.300** |
| | | | | **Des. Flow** | 480 | | | **(ltar + 5%)** | 0.32 |
| | | | | **24 Hour Pump Run=** | 21.90 | | | **(ltar W/ INOV)** | 0.40 |
| | | | | | | | | **(ltar + 5%)** | 0.42 |

**Comments:**

PG3

Existing taps may vary from specs. Installer must match new taps to current for equal distribution




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ADD LINE/PVC

INITIAL LINE

REPAIR LINE

REMOVE LINE

## LINE SCHEDULE

| LINE NUMBER | COLOR | FIELD ELEVATION | LENGTH (FT) | DESIGN LENGTH (FT) |
|---|---|---|---|---|
| 1 | BLUE | 2.2 | 124 | 0 |
| 2 | RED | 3 | 125 | 0 |
| 3 | WHITE | 3.6 | 128 | 128 |
| 4 | YELLOW | 4.1 | 108 | 0 |
| 5 | EXISTING G | 5 | 124 | 124 |
| 6 | EXISTING O | 5.3 | 121 | 124 |
| 7 | EXISTING P | 5.8 | 127 | 127 |
| 8 | EXISTING W | 6.2 | 127 | 0 |
| | | | TOTAL | TOTAL |
| | | | 984 | 503 |

219 FRESHWATER LN, MOORESVILLE, NC 28117
SECTION 2, LOT 248 THE FARMS

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**LOT 248**
THE FARMS SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 4/18/22 DRAWN BY: MDB CHECKED BY: MES

BB

S.L. Relocation

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

***APPLICATION FORM*** AP-328063 $500.00

**Application For:** ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

***THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.***

**Page 2: *Site Plan Worksheet* form MUST accompany this application**

**The following optional attachments may also be submitted:** ( ) Survey Plat, scaled no more than 1 inch = 60 feet
*Place an (X) beside whichever is submitted if applicable* ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

## Applicant Information: (PRINT CLEARLY)

**Applicant Name:** Benfield Outdoor Service and Solutions **Address:** 939 Brawley School, Mooresville, NC **Zip:** 28117

**Applicant Email:** info@yardsbyboss.com **Phone:** 704-360-0376 **Alt. Phone:**

**Owner Name:** Mark Burkett **Address:** 219 Freshwater Ln, Mooresville, NC 28117 **Zip:** 28117

**Owner Email:** mburkett@ppas.com **Phone:** 704-572-3771 **Alt. Phone:**

## Property Information:

**Street Address:** 219 Freshwater Ln, Mooresville, NC 28117

**Subdivision Name:** THE FARMS **Section/Phase:** P2 M1 SHT2 **Lot Number:** 248

**Driving Directions:** From I-77 take Brawley School Rd west approximately 4.5 miles, turn right onto S Fork Rd, go approximately 1/4 a mile and turn left onto Freshwater Ln, house on left

## Site Development Information: *(check or complete ALL that apply*

**CHECK FOUNDATION TYPE**

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines **Describe Problem:**

**Maximum Number of Bedrooms:** 4
**Maximum Number of Occupants:** 8
(X) Swimming Pool
( ) Other Addition/Structure:

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

**Non-Residential Site Development:** **Type of Business:**
**Square Footage of Building:** **Max. Number of Employees:** **Max. Number of Seats/Beds/Other:**

## Water Supply:

( ) Replacement Well – Reason:
( ) Multi-connection Well **Number of Houses:** **Number of Persons:**

( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

## Desired Septic System Type: *(you may rank in order of preference)*

**Year existing system installed:**

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other:

**Please answer the following to the best of your ability:**

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

*I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.*

**Signature:** _____ 4/26/22
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

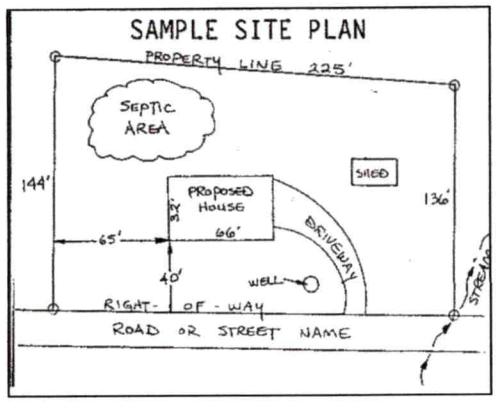
# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

***SITE PLAN WORKSHEET***

**SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***

**Place an (X) beside each item as you complete the site plan:**

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **Preferred septic system location**
- (X) **North arrow, or other sufficient indicator of direction**




**Circle N/A on the following if appropriate:**

| | |
|---|---|
| **Location of septic systems and wells within 100' of your property** | **N/A** |
| **Location of easements and rights of ways on your property** | **N/A** |
| **Location of any designated wetlands on the property** | **N/A** |

## USE THIS SPACE TO DRAW YOUR SITE PLAN

***Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site***

see attached

**Signature:** _____ _____

**Property owner or owner's legal representative signature (SIGNATURE REQUIRED)** **DATE**

DocuSign Envelope ID: 46BF4B1B-6999-4A8A-9132-85F45E05529D

# 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 Burkett, am the legal owner(s) of the property located at 219 Freshwater Ln, Mooresville, NC 28117, identified as PIN (Parcel Identification Number) 4626518464.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Benfield Outdoor Services & Solutions, 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.

DocuSigned by:
Mark Burkett
EA24C1DB0BFF4EB...

Signature of Owner(s)

4/22/2022
Date

**Mooresville - Environmental Health**
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

# ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

**The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.**

***** Initial all lines below to indicate you have submitted each form and completed every site requirement *****

**Complete all Environmental Health forms**:

_____ Application
_____ Site Plan including the dimensions of proposed structure, addition, pool etc.
_____ Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
_____ Copy of Zoning Permit when applicable
_____ Sign this sheet after you have completed all items

**Lot must be cleared of heavy undergrowth**. In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with 50 feet of visibility in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

**Clearly mark all property corners by locating existing iron or concrete markers.** Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only). 'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged**.

**Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted**. The proposed structure, etc. must be staked out on the property as per the site plan.

**If an Authorization to Construct (AC) is desired,** submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

***Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.*** *Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are nonrefundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.*

**Backhoe pits are required for all applications that require a soils evaluation.**
**DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.**

- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- The applicant/agent is responsible for securing these services
- Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.
- The EH specialist will contact you when your application is ready to be processed for pit scheduling.
- Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.

**By signing below, I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).**

**Signature** _____ **Date** 4/26/22

Questions? Contact the Environmental Health Offices below:

**Statesville Office**
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

**Mooresville Office**
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625