# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 317436

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

PIN # 4627 -- 73 -- 87 87

APPLICANT/OWNER: Jeff Morgan APPLICANT ADDRESS: 441 Beaton Path Mooresville NC 28117

SITE ADDRESS: 450 Beaton Path Rd Mooresville NC 28117 PHONE: 847-385-4195 ALT. PHONE

SITE DIRECTIONS: Brandy School Rd to Blume Rd Rd the Left on Beaton Path. SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL+T SECTION: 9 LOT # 68 LOT AREA: .74Ac DESIGN FLOW: 450 L.T.A.R.: .40

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | Date | ☐ New System | ☐ Repair | ☐ Expansion | System Type: I II III (V) V VI | ☒ Residence | No. Bedrooms | 4 | Water Supply |
| Pump Tank | 1000 | (gal) | PT | Date | System Description: | LP - HPPBPS - 50% Reduction | | | ☐ Business | No. Persons | 8 | ☒ Private |
| Pump Make | | Model | | Serial # | Repair System Description: | TS-II HPPBPS - 5% Red | | | ☐ Other | No. Employees | | ☐ Public |
| # Nitrification Fields | 1 | # Lines | 3 | Linear Ft | 200 | Maintenance Agreement Required: | ☒ YES | ☐ NO | ☐ Slab | ☐ Crawl Space | | ☐ Community |
| Trench Width | 36in | Trench Bottom Depth(Low side) | 26in | Gravel Depth | | | ☐ GRAVITY | ☒ PRESSURE | ☒ Basement w/plumbing | | ☐ Basement w/o plumbing | |

Comments / Conditions:

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:

Coddle Creek Soil Consulting

LSS# 1291 Dated July 12 2022.

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.

| | Date | Initials |
|---|---|---|
| Drain Lines Checked | 5/9/22 | DW |
| Tanks Checked | ↓ | ↓ |
| Pressure Manifold or Valve Box Checked | ↓ | ↓ |
| Pressure Head Set | ↓ | ↓ |
| Electrical Checked | 9/21/22 | CW |
| Floats Set | 9/21/22 | CW |
| Alarm Checked | 9/21/22 | CW |
| Maintenance Contract (Y) N | 9/23/22 | CW |

*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: Richard Abernathy

IMPROVEMENT PERMIT by: Date: 7-11-2022 OPERATION PERMIT by: Date: 9/23/22

AUTHORIZATION TO CONSTRUCT by: Date: 7-12-2022. Existing System Inspected by: Date:

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

**Coddle Creek Soil Consulting**
**5500 Deer Run Court**
**Davidson, NC 28036**
**(704) 706 4645**

July 12, 2022

Iredell County Environmental Health
Attention: Mr. Ben Botkins
349 North Center Street
Statesville, North Carolina 28677

Subject: Recommended Wastewater Disposal System
Parcel ID: 4627738795
450 Beaten Path Road
Mooresville, North Carolina 28115
Jeff Morgan, Owner

Enclosed you will find a copy of the wastewater disposal system proposed for Jeff Morgan. The property is at 450 Beaten Path Road described as Lot 68 Parcel ID: 4627738795. Attached are sealed soil notes as well as site plans and designs for a on-site wastewater disposal system. This design is submitted under Session Law 2021-111 (S372). Please review the enclosed document presented to you. Please contact me for concerns regarding the wastewater disposal system design.

"The LSS I Cr evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-130A-335(a2) and (a3)

Owner: Jeff Morgan

Signature: Jeff Morgan




"The LSS I valuation is submitted pursuant to and meeting requirements of SL 2018-114 Section 11.(c)."

Steve Cannon, LSS

Signature: Steve Cannon

## Design Specifications for Proposed Wastewater Systems

**Applicant: Jeff Morgan**
**441 Beaten Path Road**
**Mooresville, North Carolina 28117**
**Parcel ID # 4627-73-8795**
**450 Beaten Path Road**
**Acres: .74**
**Lot 68**
**Iredell County, North Carolina**

| | |
|---|---|
| Source of Water Flow | 4 Bedroom House |
| Wastewater Treatment Systems | Horizontal PPBPS |
| Septic Tank | 1000 gallons |
| Pump Tank | 1000 gallons |
| Estimated Daily Flow | 480 gallons/day |
| Wastewater Treatment: Initial | Horizontal PPBPS |
| Number of Panels | 46 panels |
| Distribution | LPP |
| LPP Laterals | 1 1/4" Sch 40 PVC |
| Loading Rate | .4 g/d/sq.ft. |
| Drainfield Size | 200 feet |
| Trench Bottom Depth | 26" on downslope |
| Slope | 16 percent |
| Slope Correction | 6 inches |
| Wastewater Treatment: Repair | Horizontal PPBPS |
| Number of Panels | 61 panels |
| Distribution | LPP |
| Loading Rate | .4 g/d/sq.ft |
| Drainfield Size | 262 feet |
| Trench Bottom Dept | 26" on downslope |
| Slope Correction | 6 inches |
| Slope | 16 percent |
| Pretreatment | TS-II |

## Nitrification Lines Elevation and Length

**Applicant: Jeff Morgan**
**441 Beaten Path Road**
**Mooresville, North Carolina 28117**
**Parcel ID # 4627-73-8795**
**450 Beaten Path Road**
**Acres: .74**
**Lot 68**
**Iredell County, North Carolina**

**Initial**

| Line | Flag Color | Line Elevation | Flagged Length | Number of Panels |
|---|---|---|---|---|
| 1 | Yellow | 4.75` | 54` | 12 |
| 2 | Yellow | 4.75` | 55` | 13 |
| 3 | Orange | 6.5` | 94` | 21 |
| | | | Total 203` | Total 46 Panels |

**Repair**

| Line | Flag Color | Line Elevation | Flagged Length | Number of Panels |
|---|---|---|---|---|
| 1 | Orange | 2.85` | 15` | 3 |
| 2 | Red | 3.6` | 22` | 5 |
| 3 | Blue | 5.41` | 20` | 5 |
| 4 | Red | 6.85` | 21` | 5 |
| 5 | Pink | 14.33` | 154` (25 % Red.) | 36 |
| 6 | White | 16.66` | 30` (25 % Red.) | 7 |
| | | | Total 262` | Total 61 |

# SOIL/SITE EVALUATION

Sheet of

(Continuation Sheets Attached)

PROPERTY ID =
DATE OF EVALUATION 6/22/22
COUNTY Iredell

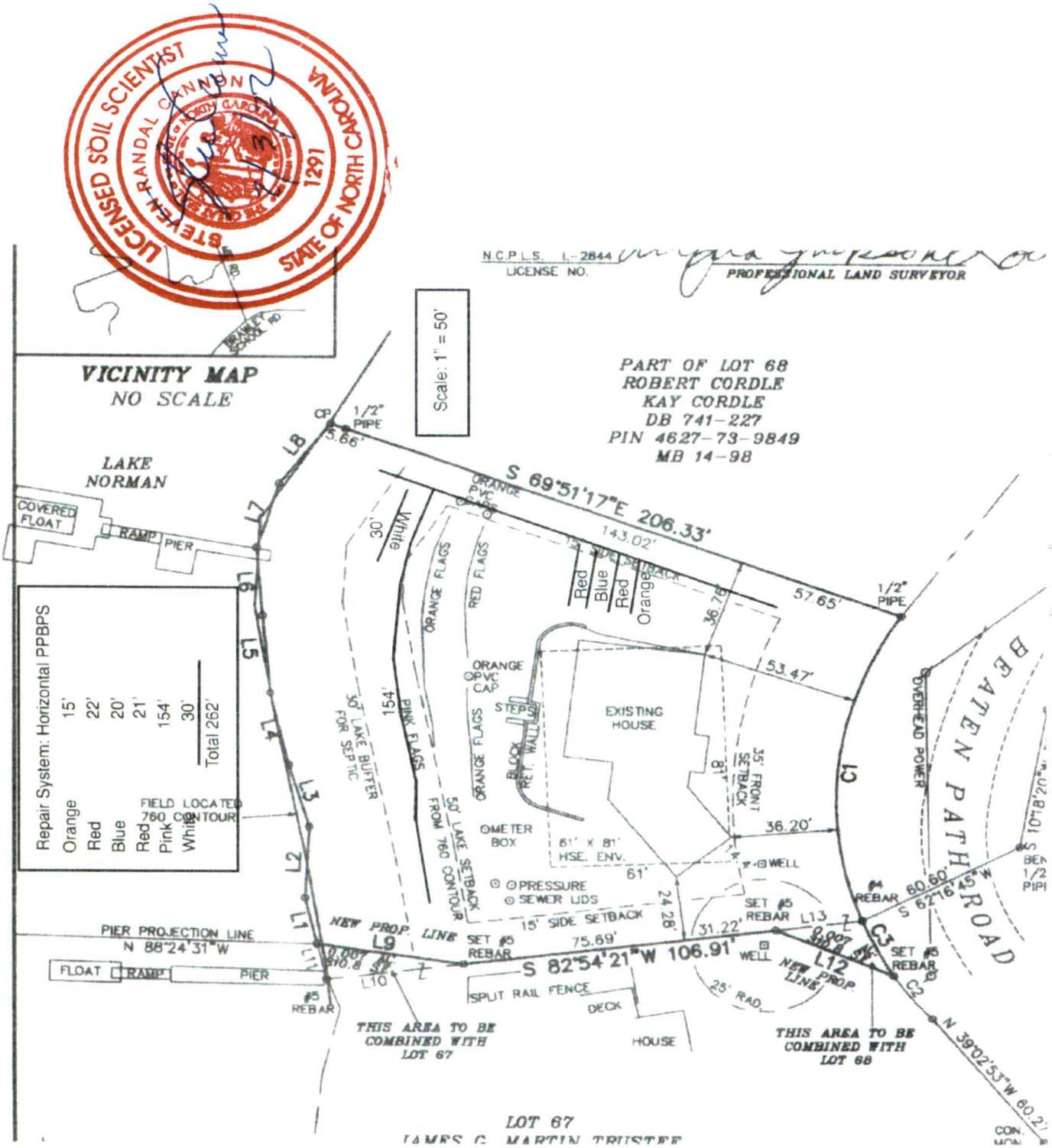
Jeff Morgan 450 Beaton Path

| 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 | .1942 SOIL | .1942 SOIL | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| B1 | L 16% | 0-10 | L gr | ns sp | | | | | PS .4 |
| | | 10-32" | C sbk | sep fi s p | | | | | |
| | | 32-42 | C sbk | sep fi s p | | | | | |
| | | 42-51" | C sbk | sep fi ss sp | | | | | |
| B2 | L 16% | 0-3" | L gr | ns sp | | | | | PS .4 |
| | | 3-31" | C sbk | sep fi s p | | 51" | | | |
| | | 31-40" | C sbk | sep fi s p | | | | | |
| | | 40-51" | C sbk | sep fi ss sp | | | | | |
| | | | Soil evaluated in buffer for TS-11 Pretreatment 6/22/22 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

LICENSED SOIL SCIENTIST STEVEN RANDAL CANNON 1291 STATE OF NORTH CAROLINA

COMMENTS:

Jeff Morgan 3 (6 of 16)



SITE MAP

NO SCALE




LAKE NORMAN

Pit Locations

B2

Pit 4

Pit 3

B1

Pit 2

Pit 1

NEW PROP LINE

0.007 AC
310.8 SF

S 82°54'29" W 136.45'

THIS AREA TO BE COMBINED WITH LOT 67

HOUSE

RATTLESNAKE PATH ROAD

**TW AMMONS SEPTIC SERVICE, INC.**
**Septic Repair Specialist**

**OFFICES AT**
215 Little Creek Road
Mooresville, NC 28115

**CONTACT US**
(704) 663-7631
AmmonsSeptic@gmail.com

**www.AmmonsSeptic.com**

# MAINTENANCE CONTRACT

Maintenance Contract for the state of North Carolina, County of: Iredell

This agreement is made between: Jeff & Michelle Morgan &

T.W. Ammons Septic Service, Inc., on: _____ (Your signing date.)

The maintenance contract cost is: $450.00 Date Paid: _____

**Customer Information**

Name: Jeff & Michelle Morgan, Builder is Bill Bourke at IQCC

Phone number: Bill: 704-230-9808 Homeowner: 847-385-4954

Email: Bill: Iqcustombill@gmail.com Homeowner: morganjeff555@gmail.com

**T.W. Ammons Septic Service, Inc. will perform the septic maintenance at:**

| 450 Beathen Path Road | Mooresville | NC | 28117 |
|---|---|---|---|
| *Street Address* | *City* | *State* | *Zip* |

This contract is for 2 routine maintenance visits, roughly six months apart, and twelve months total. This contract satisfies the required Type IV maintenance by the state of North Carolina. Our first visit is 6 months after payment is received. We will contact you to schedule each service. *Please Note:* Our visits are determined by our availability and the our vehicle's route. If you request we delay our visit, or if you do not reply to our contact, we will not stop by. Your visit will be assigned at a later date.

This contract is for routine maintenance only. It does not include repairs if needed. In the case of a needed repair, you will be notified. We do offer estimates but you are not required to use us for any work needed.

Copies of your maintenance field reports are available on request. To request a copy of your maintenance report please call us at 704-663-7631, or email us at: AmmonsSeptic@gmail.com. You will receive your report within 5-7 business days.

All maintenance contracts are processed and active once signed and paid.

x Timothy Ammons
Tim Ammons
N.C Subsurface Operator #12272

x [signature] Jeff Morgan (Sep 21, 2022 15:42 EDT)
Signature of Payee, Home Owner, or Representative

**Internal Use Only** 1st visit approx.: _____ 2nd visit approx.: _____

# Maintenance Contract - IQ Custom - 450 Beatan Path Road - Jeff and Michelle Morgan

Final Audit Report 2022-09-21

| | |
|---|---|
| Created: | 2022-09-21 |
| By: | Edd Amon (bignewspaper@gmail.com) |
| Status: | Signed |
| Transaction ID: | CBJCHBCAABAAVvgJg5-xUfWl2hh1AUmZ_UFSICmR42gv |

## "Maintenance Contract - IQ Custom - 450 Beatan Path Road - Jeff and Michelle Morgan" History

Document created by Edd Amon (bignewspaper@gmail.com)
2022-09-21 - 6:49:02 PM GMT- IP address: 75.190.246.120

Document emailed to iqcustombill@gmail.com for signature
2022-09-21 - 6:50:26 PM GMT

Email viewed by iqcustombill@gmail.com
2022-09-21 - 7:30:19 PM GMT- IP address: 104.28.56.6

Signer iqcustombill@gmail.com entered name at signing as Jeff Morgan
2022-09-21 - 7:42:50 PM GMT- IP address: 174.108.42.63

Document e-signed by Jeff Morgan (iqcustombill@gmail.com)
Signature Date: 2022-09-21 - 7:42:52 PM GMT - Time Source: server- IP address: 174.108.42.63

Agreement completed.
2022-09-21 - 7:42:52 PM GMT

Adobe Acrobat Sign