ICHD–ENVIRONMENTAL HEALTH DIVISION

PJB 4:00

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP300911

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

PIN # 4624282884

APPLICANT/OWNER: Larry Wagner | APPLICANT ADDRESS: 137 Dedham Lp. Mooresville, NC

SITE ADDRESS: 137 Dedham Lp. Mooresville, NC 28117 | PHONE: 516-728-36066 | ALT. PHONE ——

SITE DIRECTIONS: Brawley School Rd → R on Mansfield → L on Brockton → R on Dedham → lot on L | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: The Point | SECTION: 9 | LOT # 987 | LOT AREA: 1.111 ac | DESIGN FLOW: 480gpd | L.T.A.R.: .3

Septic Tank	existing (gal)	STB	Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT	Date	System Description:	25% reduction			☐ Business	No. Persons 8
Pump Make		Model	Serial #	Repair System Description:	LP PPBPS			☐ Other	No. Employees
# Nitrification Fields	1	# Lines 3	Linear Ft: 300'	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	33" / 36" high side	Gravel Depth ——	☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: The purpose of this permit is to relocate drain lines for a pool. Properly abandon the first 3 drain lines. Pool must maintain 15' from drain field.

INITIAL SITE SKETCH

See attached site plan by Michael Athanas + Associates

AS BUILT SKETCH

Installed Quick 4 as Drawn

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**

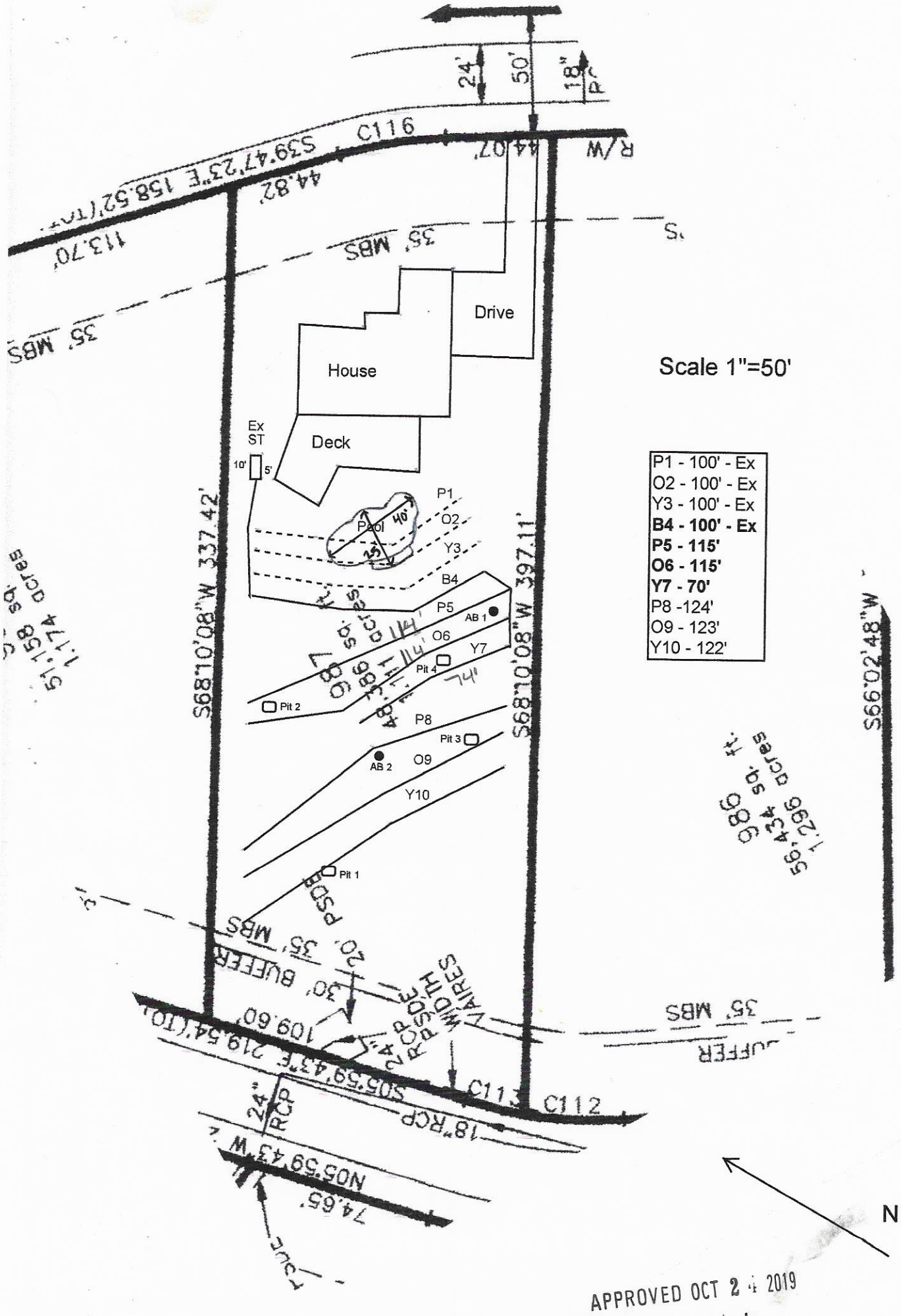
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Larry Wagner | Date: 11/1/19 | Installed by: Sid Gaskins

IMPROVEMENT PERMIT by: Kayla Wilson | Date: 10-24-19 | OPERATION PERMIT by: Maria Dotson | Date: 1/9/2020

AUTHORIZATION TO CONSTRUCT by: Kayla Wilson | Date: 10-24-19 | 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.

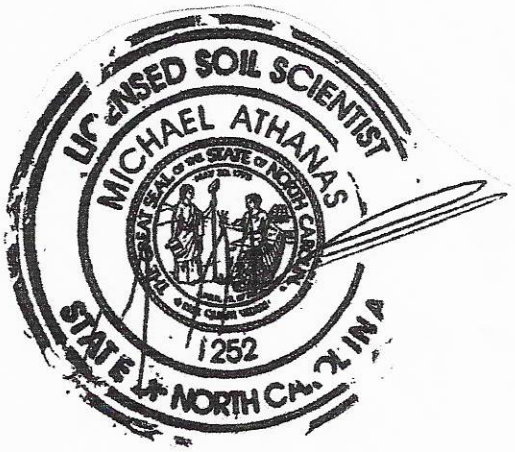

Scale 1"=50'
House
Drive
Deck
Ex ST
Pool
P1
O2
Y3
B4
P5
O6
Y7
P8
O9
Y10
Pit 1
Pit 2
Pit 3
Pit 4
AB 1
AB 2
P1 - 100' - Ex
O2 - 100' - Ex
Y3 - 100' - Ex
B4 - 100' - Ex
P5 - 115'
O6 - 115'
Y7 - 70'
P8 -124'
O9 - 123'
Y10 - 122'
S68°10'08"W 337.42'
S68°10'08"W 397.11'
S66°02'48"W
C116
C113
C112
18"RCP
24" RCP
N05°59'43"W
74.65'
N
APPROVED OCT 24 2019
KW



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887
10/17/2019

Reference: Data Sheet for 137 Dedham Lp, The Point Lot 987
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community Water
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1500 gallons (existing)
Proposed Trench Bottom: 24-36"

Line	Design Length	Actual Length
Pink 1 Ex	100'	100'
Orange 2 Ex	100'	100'
Yellow 3 Ex	100'	100'
Blue 4 Ex	**100'**	**100'**
Pink 5	~~115'~~ 114	**118'**
Orange 6	~~115'~~ 114	**120'**
Yellow 7	~~70'~~ 74	**70'**
Pink 8		124'
Orange 9		123'
Yellow 10		122'



Initial System: 400' **Repair System:** 369'

Comments:
The purpose of this evaluation is to make room for a pool. The first three lines of the initial system must be abandoned and replaced.

APPROVED OCT 24 2019
KW

PROPERTY ID #: 4624282884
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Larry Wagner
ADDRESS: 137 Dedham Lp, Mooresville, NC 28117
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 137 Dedham Lp, The Point Lot 987
APPLICATION DATE
DATE EVALUATED: 10/2019
PROPERTY SIZE:
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				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
PIT 1	LS 6%	0-11	RBr CL WSBK	FR SS SP SXP	N/A	54"	N/A	N/A	PS 0.3
		11-36	R C SBK	FR SS SP SXP					
		36-54	R CL WSBK	FR SS SP SXP					
PIT 2	LS 6%	0-9	Br SCL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		9-30	R C SBK	FR SS SP SXP					
		30-58	R CL WSBK	FR SS SP SXP					
PIT 3	LS 6%	0-7	RBr SCL WSBK	FR SS SP SXP	N/A	60"	N/A	N/A	PS 0.3
		7-30	R C SBK	FR SS SP SXP					
		30-60	R CL WSBK	FR SS SP SXP					
PIT 4	LS 6%	0-5	Br SCL WSBK	FR SS SP SXP	N/A	52"	N/A	N/A	PS 0.3
		5-22	R C SBK	FR SS SP SXP					
		22-52	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT^2	1107 FT^2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

APPROVED OCT 2 4 2019 KW

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4624282884
DATE OF EVALUATION:
COUNTY: IREDELL

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 SAPRO CLASS	.1944 RESTR HORIZ	
AB 1	LS 6%	0-3	Br SCL WSBK	FR SS SP SXP	N/A	48"		N/A	PS 0.3+
		3-24	R C SBK	FR SS SP SXP					
		24-48	R CL WSBK	FR SS SP SXP			F-C SAP		
AB 2	LS 6%	0-3	Br SCL WSBK	FR SS SP SXP	N/A	48"		N/A	PS 0.3+
		3-18	R C SBK	FR SS SP SXP					
		18-48	R CL WSBK	FR SS SP SXP			F-C SAP		

COMMENTS:

APPROVED OCT 2 4 2019 KW

RECEIVED OCT 2 1 2019

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $350.00 Relocation

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) 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.

****

AP-300911

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: Larry Wagner **Address:** 137 Dedham Lp, Mooresville, NC **Zip:** 28117

Applicant Email: _____ **Phone:** 516-728-3666 **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

Owner Email: _____ **Phone:** _____ **Alt. Phone:** _____

****

Property Information:

Street Address: 137 Dedham Lp

Subdivision Name: The Point **Section/Phase:** _____ **Lot Number:** 987

Driving Directions: _____

****

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: _____
(✓) Swimming Pool
( ) Other Addition/Structure: _____

(✓) 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 (✓) 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 (✓) Other: Accepted

****

Please answer the following to the best of your ability:

( ) Yes (✓) No **Does the site contain any jurisdictional wetlands?**
( ) Yes (✓) No **Is any non-domestic sewage (i.e. industrial) to be generated?**
( ) Yes (✓) 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: _____ 10/21/2019
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

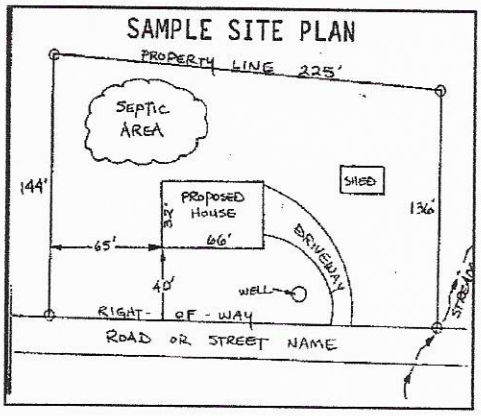
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

- ( ) Property Line measurements are clearly identified
- ( ) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location
- ( ) Preferred well location
- ( ) Preferred septic system location
- ( ) 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 plan

Signature: _____ 10/21/2019

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

R: 6' 1"
R: 5' 7"
R: 5' 8"
18' 8"
21' 9"
11' 6"
9'
15' 3"
R: 4' 8"
26' 4"
R: 8' 11"
17' 7"
11' 2"
15' 10"
33'
30' 11"
39' 7"
R: 4' 4"
R: 7' 8"
R: 6' 1"
5' 6"
5'

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

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.

I, LARRY WAGNER, am the legal owner(s) of the property located at 137 DEDHAM LOOP, MOORESVILLE, NC 28117, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Michael Athanas & Associates, 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.

Signature of Owner(s) 10/16/2019 Date

Signature of Witness 10/16/19 Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
[redacted]
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
[redacted]
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
300911 Issue Date: 09/16/2019

Permit Type: ZONING RESIDENTIAL

Parcel Number	Street Address	Jurisdiction
4624282884.000	137 DEDHAM LOOP	IREDELL COUNTY

Owner Information	Applicant Information
Name: WAGNER LAWRENCE	Name: ANTHONY & SYLVAN POOLS NORTH CAROLINA LL
Address: 137 DEDHAM LOOP	Address: 9201 C SOUTHERN PINE BLVD
MOORESVILLE, NC 28117	CHARLOTTE, NC 28228
Phone:	Phone: (704)773-4426

Use Requested	Zone Code
Swimming Pool	R20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.111	35	35	10	10	WSIV-CA Catawba/Lake Norman	NO

Remarks

POOL

Swimming Pool: Must meet requirement R22 of the LDC. Pools shall be located to comply with minimum setbacks for accessory structures- located behind front building line of house, 10' from side & rear property line. Lake lots must meet the 50' setback from the 760 contour line AND the 35' setback from the rear property line. Pools that are not an integral part of the principal building shall be located at least the minimum distance from the principal building necessary to comply with N.C. Building Code. Setback from house could be +/-10'. Fenced with a minimum 4' in height, and equipped with self-closing and positive self-latching gate provided with hardware for permanent locking. Fence not required for above ground pools if they are at least 4' in height, the ladder removed, or when NOT in use have a gate to the ladder as described above. SETBACK TO STRUCTURE COULD BE MORE OR LESS DEPENDING UPON THE BUILDING CODE; HOWEVER THERE IS A ? FT SET BACK FROM THE PROPERTY LINE.*The setback could change depending on the structure and size of the structure.

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Date: 09/16/2019

Signature of Owner/Contractor