Date Received 7/25/18

APT No. 14367

T. C. No. 001-115.06

Map Date 3.22.78

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER ALEXANDER (LAST) JAMES C. & MARIE S. (FIRST, MIDDLE)

2) ADDRESS OF OWNER 1513 SHANNONHOUSE DR CHARLOTTE NC ZIP 28215

3) PHONE NO Home 537-1420 Office 332-1294

4) LOCATION OF PROPERTY LOT #10 MIC 185 LAGUNA DR. (STREET OR COUNTY ROAD) LAKE NORMAN OFF HWY 73 NEAR CORNELIUS NC.

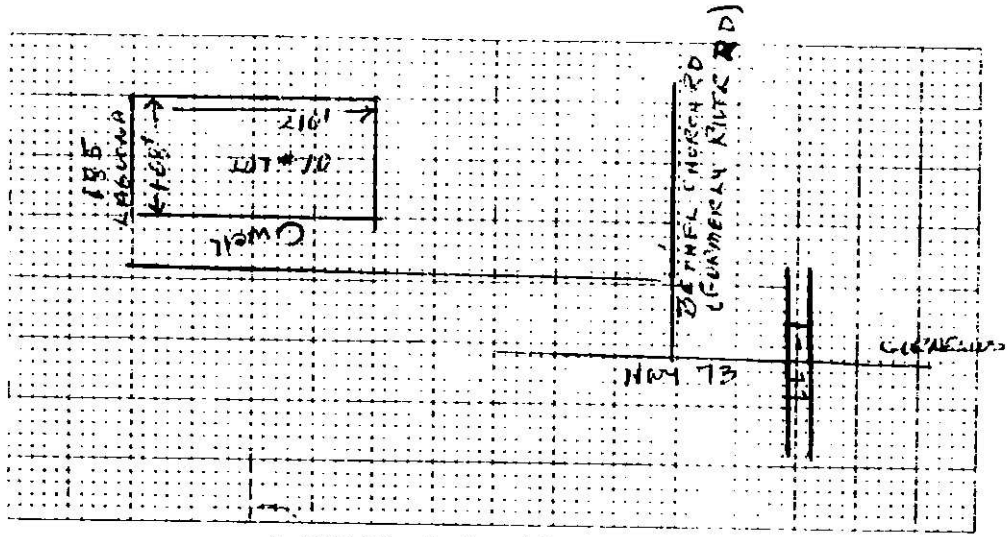
5) SUBDIVISION BISCAYNE PARK LOT NO 10 BLOCK NO

MAP BOOK NO 10 PAGE NO 183 & 185

6) DEED REFERENCE DEED BOOK 3756 PAGE NO 0508

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation on the property described below and as described for the purpose of determining the suitability for [illegible] soil absorption sewage disposal system.

7) ACCURATELY DIAGRAM & DIMENSION LOT



James C Alexander
OWNER

Environmental Health Department's Copy

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

(Ground Absorption Sewage Disposal)

APT 14367
TZ 001-115-06
LOT #10

OWNER: James E. & Marie S. Alexander
ADDRESS: 1513 Shenandoah Dr.
COUNTY: Charlotte
LOCATION OF SITE: Sagamore Dr.

DATE REQUESTED: _____
PLAT NO.: _____
LOT SIZE: 19,600

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) 2-8% PS U	S PS U	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) Clay U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) PS 48" U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock)	(S) None PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 72" To PS ground U water	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) Moderate U	S PS U	S PS U	S PS U
8. OTHER (Specify)	S < 20,000 PS sp. ft. U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Provisionally Suitable			
SOIL SERIES	Cecil			

S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments: _____

Described By: William R. Marlin

Title: Soil Scientist Date: 8-14-79

DHS Form 2601 (2/77)
Sanitation

Serial No. 2122

PTR No. 14367

T C. No. 001-115-06

Date Issued 8/15/78

Map Date 3-22-78

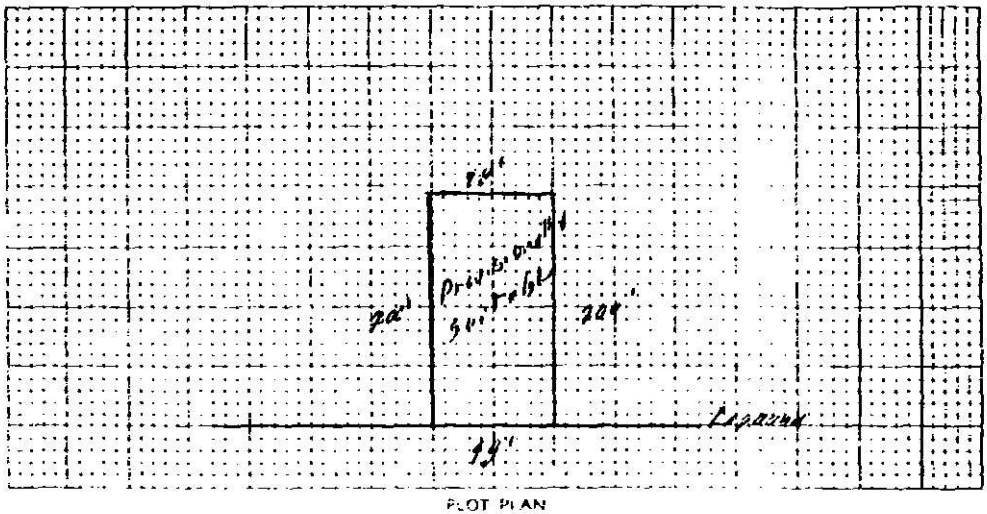
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Alexander (LAST) James (FIRST) C. & Marie S. (MIDDLE)

ADDRESS OF OWNER 1513 Shannonhouse Drive, Charlotte, N. C. ZIP 28215

LOCATION OF PROPERTY 185 Lagoona Drive (STREET OR COUNTY ROAD)

SUBDIVISION Biscayne Park LOT NO 10 BLOCK NO



PLOT PLAN

This [illegible] for Mecklenburg County Department [illegible] Health on [illegible] was conducted on that [illegible] indicated in the above report **PROVISIONALLY SUITABLE**

The [illegible] determined by the investigation was [illegible] The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface soil absorption effluent discharge subject to the following terms and conditions:

1. [illegible] Mecklenburg County Department [illegible] wastewater treatment [illegible]
2. [illegible] approved by the Mecklenburg [illegible] and [illegible]
3. [illegible] system installation [illegible]
4. [illegible] which [illegible] located as acceptable for [illegible]

This approval is granted subject to the Laws of North Carolina, rules and regulations of the North Carolina Department of Human Resources and the Mecklenburg County Health Commission which are in effect on the date of issuance and is void if at any time in the future or the [illegible] by laws, rules and regulations are changed such that this approval would not have been granted had the new revised laws, rules and regulations been in effect on the issue date.

Soil Scientist

Environmental Health Director or Authorized Section Head

Environmental Health Department Copy

SEE INSTRUCTIONS ON BACK

Date Received 8/10/78

ICAR(S) Application No. 4367

T. C. No. 06-1150

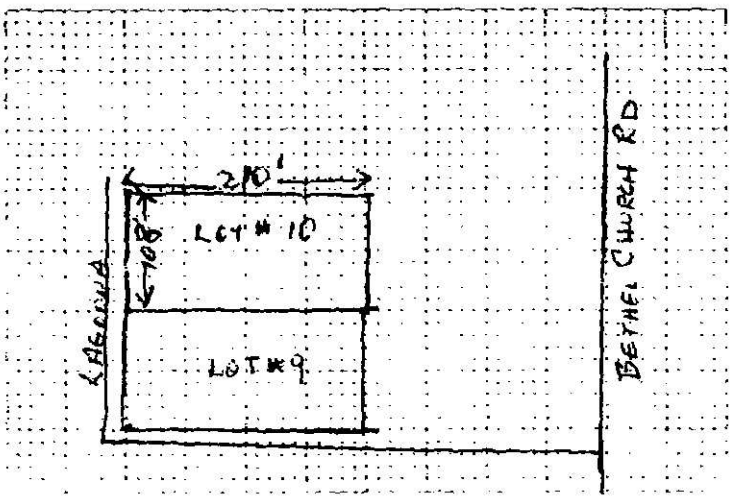
Map Date 3-22-78

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of the property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

(1) ✓ Install or Construct a(n) ____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption effluent discharge



(3) PLOT PLAN (ACCURATELY DIMENSIONED)

(4) Mobile Home ____ Yes ____ No
Residence ✓ Yes ____ No
No. of Bedrooms 3
Source of Use Max No
Employees ✓
(5) Washing Machine ✓ Yes ____ No
Garbage Disposal ✓ Yes ____ No
Dishwasher ____ Yes ____ No
(2) Water Supply
Public or Individual Well ✓
Community Environmental System ____
Community Water System ____
Well Source ____
Environmental Source ____
Sewage System
Public water supply within 200 feet ____ Yes ✓ No
Public sewer within 200 feet of property ____ Yes ✓ No
Soil Type No. NC
Soil Type No. ND

(8) NAME OF OWNER ALEXANDER, James C. & MARIE (LAST, FIRST, MIDDLE)

(11) ADDRESS OF OWNER 1513 SHENANDOAH DR. CHARLOTTE NC 28215

(15) PHONE NO Home 537-1926 Office 332-1244 (P. I-E)

(16) LOCATION OF SYSTEM 185 KAGLEWOOD DR (STREET OR COUNTY ROAD) CORNELIUS NC
LAKE NORMAN — NEAR

(17) SUBDIVISION BISCAYNE PARK Lot No 10 Block No ____

Map Book No 10 Page No 183 & 185

(18) DEED REFERENCE - DEED BOOK 3756 AT PAGE 0508

- REQUESTED 7-25-78

(19) PLAT BOOK & PAGE NO ____ DATE RUN

(20) OTHER PERMITS ISSUED ____ REVISED NOT NEEDED

The undersigned owner hereby agrees that he has read the foregoing application and that the contents thereof are understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true

DATE OF APPLICATION Aug 8, 1978

OWNER James C. Alexander

Environmental Health Department's Copy

Date Issued 8/15/78

Serial No. 2124

LA No. 14367

T. C. No. 001-115-06

Map Date 3-22-78

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

IMPROVEMENT PERMIT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Alexander (LAST) James (FIRST) C. (MIDDLE) & Marie

ADDRESS OF OWNER 1513 Shannonhouse Drive Charlotte, N. C. ZIP 28215

LOCATION OF LOT 185 Lagoona Drive (STREET OR COUNTY ROAD)

SUBDIVISION Biscayne Park LOT NO. 10 BLOCK NO.

MAP BOOK NO. 10 PAGE NO. 183 & 185

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 14367 This approval is subject to the following terms and conditions

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred, and/or repaired and that the system be installed in accordance with same

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic tank system is not being installed, constructed, altered and or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD 5 76

Environmental Health Department's Copy

Date Issued 1-30 79

Serial No. 2338

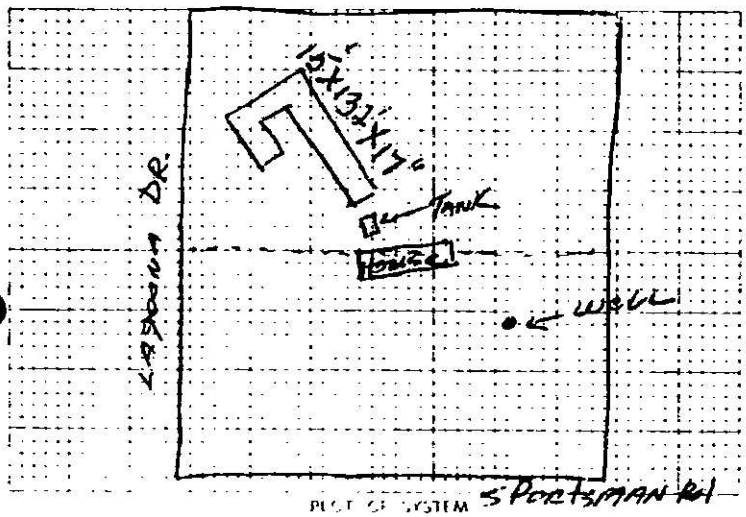
ICAR(S) Permit No. 14367

T. C. No. 001-115-06

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 14367 dated 8-10-78 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 3-2-79, after which date this permit shall be null and void.



Permeability Rate P/S

Liquid Capacity of Tank 1500

Tank Construction PRECAST

Absorption Trench or Nitrification Lines

Total Line Length 620

Number of Lines 5

Distance from House 10'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER James C. Alexander

LOCATION OF PROPERTY Lagoona Dr.

The [illegible] system requirements as set forth in the Regulations of the Mecklenburg County Board of Commissioners governing sewage disposal in effect on the date of the granting of this permit. A certificate of approval must be obtained from the Environmental Health Section before any system can be covered up or otherwise rendered inaccessible for inspection. **The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.** ALL PLUMBING Tied IN TO one System under Cement Floors

15'X132'X17" Stone

Description of Work

M Marshall Edwards
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD 5-76

Environmental Health Department's Copy

Date Issued 1-30-79 Serial No. 2270 C of A (s) No. 14367

T CR01-115-06

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF APPROVAL
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner ALEXANDER (LAST) JAMES (FIRST) C (MIDDLE)

Location of Property LAGOONA DR.

Application Number 14367 Permit Number 14367

Inspection Date:

Liquid Capacity of Tank 1500 Tank Material Precast

Total Length of Drain Tile 620 Number of Lines 5

Depth of Filter Material 17" Cover Depth 24"

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 1-30-79 (DATE) Tank Inspected 1-30-79 (DATE)

Nitrification Field Inspected 1-30-79 (DATE)

Washing Machine Line Inspected, If Applicable N.A (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been installed/constructed, altered as required in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling or using such system from any liabilities resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to the restrictions and conditions shown on the permit in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments 495'+135' field combined in ONE Field 620'F Because of Plumbing into one System under cement floor. Field (15'X132'X17" Stone)

M Marshall Edwards
Environmentalist

EHD-5-76

Environmental Health Department's Copy