

17634 CALDWELL STATION RD

01103221

1/7/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

2000 Ck # 1546 5/13/03 SC

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4707B DATE: 3/25/03

TC: 011-032-21 ☒ L ☒ CRT

SERIAL 19137

Name of Owner Lake Norman Church of Christ Juris.: _____

Address of Property 17634 Caldwell Station Road

Inspection Data:

Tank Material PCC

Total Length of Drainfield 816'

Number of Lines 8 @ 102'

Cover Depth 16"

Water Supply Source Municipal

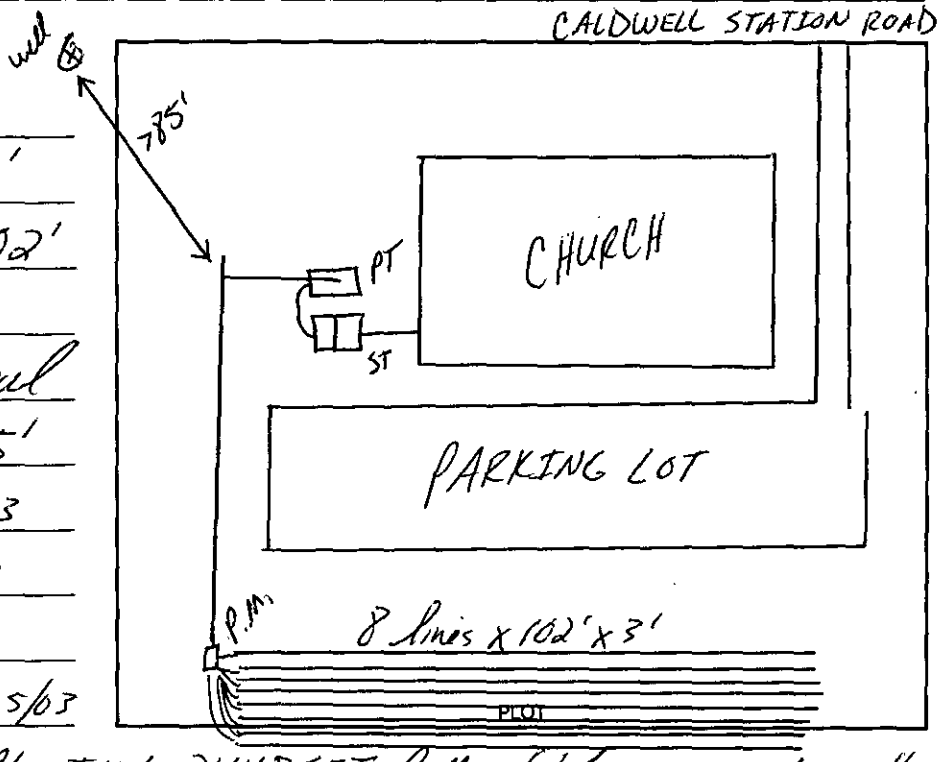
Distance to Water Source >85'

Excavation Inspected 3/25/03

Tank(s) Inspected 3/25/03

Wash Line Inspected NA

High Water Alarm Inspected 3/25/03



Design 1500ST, 1000DT, PI, INV, 2448SFT, P. Manifold CTR# Larry Henkle

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☒ as detailed in the plot above

and meets the provisions of 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

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 liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document 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.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: 326 Member Church
8 lines x 102' x 3' w/ Pressure Manifold
Type III b Pump to innovatio system
No Grease Trap installed
because of no kitchen.

Larry Mickler L.S.
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4707B DATE: 12/13/02

TC: 011-032-21 ☒ L

SERIAL 19178

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 the application dated 8/20/01. All work shall be completed on or before 1/13/02, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. 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.

Install according to Improvement Permit

PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction RCC

Trench Depth 24"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous Yes

Total Line Length 816 feet

Number of Lines 8 X 102'

Depth of Stone NA inches

Distance from House >5' feet

Distance from Property Line >10' feet

Distance from Well >100' feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Lake Norman Church of Christ

LOCATION OF PROPERTY 17634 Caldwell Station Road

Comments: 326 Member Church

Install 8 lines X102' X3

Pressure Manifold

Type III Pump to Immersitio

Tommy Mecklin R.S.
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

Project # 102-964/04

FEE: _____ AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION
DATE: _____ VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

DATE: 9/17/01 PERMIT NO: 4707 B

PARCEL NO: 011 032 21

JOB LOCATION ADDRESS: 17634 Caldwell Station Rd

PROPERTY OWNER: Lake Norman church of christ

BUILDING CONTRACTOR: -

SUBDIVISION NAME: NA

AUTHORIZATION ISSUED BY: Philo S. Walker RS DATE: x

DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 4707B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: Flow rate based on 326 seat church. Innovative Septic System Approval

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

X Dale McDonnell 5/13/03

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 4707B

Tax Number: 011 032 21

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement NA	___ Yes	___ No	___ Partial Basement	
Type Primary Wastewater System Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.3 Long-term acceptance rate	978 Max gallons/day wastewater flow	2445 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
YES Serviced by private well	1500 Gallon septic tank	815 Total trench length (ft)	24" Maximum trench depth (At least 12" of provisionally suitable soil *must remain* between trench bottom and unsuitable soil conditions)	
NA Bedrooms in residence 326 seat church	1000 Gallon pump tank 1000 Gallon grease trap	NA Depth of stone		
Any surface waters present: NO Type:		Minimum separation distance:		
Site modifications required:				
Additional Conditions: 1,000 Gal Grease Trap shall be installed, Keep the septic system > 100' from any wells. Innovative Septic System Approval, Agreement forms shall be recorded and on file prior to cons. auth.				
Repair Area System Type Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
2445 Absorption Area (Sq ft) 815 Total Trench Length (Ft)	NA Depth of Stone Trench	9' Trench spacing (min. on centers)	24" Maximum Trench Depth	
For existing system, enter the year originally installed:				

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.
- This Improvement permit is transferable.

Phil S. Walker RS. 9/17/01
DEHNR Authorized Agent Date

× [signature] 5/13/03
Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, N.C. 28202.
(704) 336-5102

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH,
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2002 MAY 15 10:18 AM
BOOK: 13589 PAGE 944-947 FEE: $20 00
INSTRUMENT # 2002094957

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 47078
PARCEL # 01103221

The undersigned, David M. McDonnell, trustee, owner of property located at 17335 Caldwell Station Road, (the "site") and described in an instrument recorded in Book 4854 at Page 716, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

This instrument was prepared by: David M. McDonnell, Trustee
Mail after recording to: Lake Norman Christian Church P.O. Box 2392
Huntersville, NC 28078

Lake Norman Church of Christ
([redacted])

By: David M. McDonnell

Trustee [redacted]

_____ (SEAL)

_____ (SEAL)

_____ (SEAL)

_____ (SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Cabarrus

I, Jane U. Lefler, a Notary Public for said County and State, do hereby certify that David M. McDonnell trustee of Lake Norman Church of Christ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 19 day of April, ~~19~~ 2002

Jane U. Lefler
Notary Public

My Commission Expires:
5/24/06

JANE U. LEFLER NOTARY PUBLIC CABARRUS COUNTY, N.C.

COMMENTS Septic System designed for a 326 member church

Innovative Septic System Approval; 1000 Gal Grease Trap, 1500 Gal Septic Tank, 1000 Gal Pump Tank
8 lines x 102' long x 3' wd 816 TLF Type IIIb Innovative Septic System Repair
Keep the septic system > 100' from any wells (.3 LTAR) Pressure Manifold Distribution
Supply line shall be installed > 30" under the parking area. Agreement forms
shall be recorded and on file prior to conv. Authorization release -

Keep the septic system 100' from the septic system

50' Rear yard

Will Knox Rd

STATESVILLE RD – NC HWY 115

cinity Map

No Scale

S 77° 31' 0

10' Side Yard

Now or Formerly
William L. Wilson
Deed Book 6112
Page 366

N 77° 31' 59" W – 173.99'

Innovative Septic System

102'
102'
102'
102'
102'
102'
102'

S 05° 44' 33" W – 132.06'

30" Cedar

3.345 ACRES
Tax Parcel # 01103221
Zoned R-2
This Property does NOT
Lie in a special Flood
Hazard Area as determined
by FEMA

Repair Area

50' Rear Yard

See Plan
10'=0" EQ
10" 2" 4'-10" 1"

Future Additional Parking See Master Plan

Future Main Church Building See Master Plan

New Paving at Parking & Drives
Base Bid – Crushed Stone Base
Add Alternate – Asphalt Pavement

pressure manifold

21(+1) – New Quercus Falcata – Red Oaks

5' 8' 10 @ 9' = 90.00' 9' 6 @ 9' = 54.00' 19.0 20.4'

Install supply line > 30" deep

163 – New Shrubs Eleagnus Pungens 31 H @ 6' oc

No Scale

Future Parking Expansion

Structures area were by others this project.

37'

12 @ 9' = 108.00'

S 77° 40' 02" E – 474.48'

Existing Well

10' Side Yard

Fut. H/C

NEW PARKING 28 SPACES
5 @ 9' = 45' 17.5' 12' 15.5' 7 @ 9' = 63'

3'R 10'R 5'R 30'R 4'R 6'R

H/C VAN H/C

Future 5' Sidewalk

18.50' 26.5' 10' H/C Curb Cut @ Front Entr.

Concrete Dumpster Pad 13' – Sq. Screen See Detail

26' 18.5' 63' 84'

New Yard Equipment Shed by Others

N 77° 34' 23" W – 31.38'

NEW PARKING 12 SPACES

New 1 1/2" Water Line

Future 5' Sidewalk

5' Sidewalk

NEW FELLOWSHIP HALL AS TEMPORARY SANCTUARY See Arch. Plan Sht 5

Septic Tank

Pump Tank

New Septic Tank & Field As Req'd by Meck. Co. Health Dept.

Grease Trap

New 4" Waste Line New Overhead Service by Power Company

Keep the septic system 100' from any wells

Existing well

10' Side Yard

5'R Align

N 11° 32' 17" E – 200.94'

Existing Shrubs and Miscellaneous Small Trees

N 77° 38' 23" E 41.18'

100'

New Transformer & Power Pole by Power Company

Formerly Althea Craig
ok 4854
716

Previously Existing Gravel Parking Area

New 2'-6" Curb & Gutter Typ.

Existing Tile Drainage Field

Exist'g Split Rail Fence

Previously Existing Gravel Drive

12" Apple

Existing Well

Existing Shed

Keep the septic system 100' from the existing well

ken from a
Land Surveying
PLS # L-3219
er Lane
NC 28117
4-5714
/30/00

Shrubs

12" Persimmon

Existing 1 Story Frame Bldg.

MS Cherry Laurel

16" Willow Oak

Shrubs
3 Existing Parking Spaces

New Valley Gutter

18" Maple

18" Maple

6" Ash

6" Pecan

4 MS Crepe Myrtle

40' Front Setback

22" White Oak

Now or Formerly
Preschool, Inc.
Deed Book 8782
Page 595

Existing Gravelled Drive & Parking

See Attached Joint Driveway Agreement as Recorded with the Registrar of Deeds.

Existing Lawn

New Type II Drop Curb Driveway

Remove Existing Gravel, Replace with Top Soil & Seed for New Lawn

Existing Drive

New 5' Sidewalk @ ROW

CALDWELL STATION ROAD – SR#2431

Now or Formerly
William & Candi Wilson
Deed Book 3182
Page 131

© 2

FEE: -

DATE: -

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER *SYSTEMS PROGRAM*

Paid 400 8/2/96 CK. # 56320 RP.

[ ] CRT

TYPE APPLICATION: [✓] NEW SYSTEM [ ] EXPANSION/ ALTERATION OF EXISTING SYSTEM [ ] REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 4707B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 011-032-21

STREET ADDRESS: 17634 CALDWELL STN. RD. HUNTERSVILLE 28078

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TYPE OF BUILDING (CHECK ONE):

[ ] SINGLE MOBILE HOME(S)
[ ] DOUBLE WIDE (D)
[ ] HOUSE (H)
[ ] MODULAR HOME (M)
[ ] MULTIPLE FAMILY (U)
[✓] OTHER (O) CHURCH

TOWNSHIP (CHECK ONE):

[ ] 0 MECKLENBURG
[ ] 1 CHARLOTTE
[ ] 2 DAVIDSON
[ ] 3 CORNELIUS
[ ] 4 PINEVILLE
[ ] 5 MATTHEWS
[✓] 6 HUNTERSVILLE
[ ] 7 MINT HILL

HEATED SQUARE FOOTAGE: 5000

NUMBER OF BEDROOMS:

NUMBER OF OCCUPANTS: 326 MAX

CLOSING DATE

FOUNDATION FOR RESIDENCE:

[ ] WITHOUT BASEMENT
[ ] ON SLAB
[ ] CRAWL SPACE
[ ] WITH BASEMENT /PLUMBING
[ ] WITH BASEMENT /NO PLUMBING

IF ~~EXPANSION~~/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

4 WC, 1 URINAL, 2 LAVATORIES, 1 SINK, 2 DRINKING FOUNTAINS

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: [ ] YES [✓] NO TYPE:

WATER SUPPLY (CHECK ONE):

[ ] COMMUNITY (C)
[ ] MUNICIPAL (M)
[✓] PRIVATE WELL (P)
[ ] SHARED WELL (S)
[ ] OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	[ ] YES [✓] NO	WELL, SPRINGS OR WATERLINES	[✓] YES [ ] NO
EXISTING WASTEWATER SYSTEMS	[✓] YES [ ] NO	DESIGNATED WETLANDS	[ ] YES [✓] NO
EASTMENTS OR RIGHT-OF-WAYS	[✓] YES [ ] NO		

PROPERTY OWNER:

NAME: LAKE NORMAN CHURCH OF CHRIST
(LAST) (FIRST) (MI)

ADDRESS: 17634 CALDWELL STATION RD.

CITY: HUNTERSVILLE STATE: NC ZIP: 28078

DAYTIME PHONE: ( ) 394 - 5131

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: DATE:

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1
Property ID: 011-032-21
Lot #: N/A
File #: 4707B
Code: 1

ACJ

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Lake Norman Church of Christ
Applicant:
Address: 17634 Caldwell Station Road, Huntersville, N. C. 28078
Date Evaluated: 8/27/01
Proposed Facility: church
Design Flow (.1949): 978gpd
Property Size: 3.31a
Location of Site: 17634 Caldwell Station Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Augur Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (In.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
	5-12								
1	LS	0-3	GR/CL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	50	N/A	NONE	PS, IV .3G/FT^2/DAY
		3-36	SBK/C	FI/SEXP/S/P					
		36-50	SBK/CL	FR/SEXP/SS/SP					
2	LS	0-5	GR/CL	FR/SEXP/SS/SP	>49' To SOIL WETNESS	49	"	"	"
		5-37	SBK/C	FI/SEXP/S/P					
		37-49	SBK/CL	FR/SEXP/SS/SP					
3	LS	0-12	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		12-48	SBK/C	FI/SEXP/S/P					
4	LS	0-15	GR/SCL	FR/SEXP/SS/SP	>34" TO SOIL WETNESS	34	"	"	US, IV
		15-28	SBK/C	FI/SEXP/S/P					
		28-34	PL/C	FI/SEXP/S/P					
5	LS	0-10	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	PS, IV .3G/FT^2/DAY
		10-15	GR/SCL	FR/SEXP/SS/SP					
		15-48	SBK/S/P	FI/SEXP/S/P					
6	LS	0-4	GR/SL	FR/SEXP/NS/NP	"	"	"	"	"
		4-43	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FR/SEXP/SS/SP					
7	LS	0-4	GR/SL	FR/SEXP/NS/NP	"	"	"	"	PS,IV .275G/FT^2/DAY
		4-9	SBK/SCL	FR/SEXP/SS/SP					
		9-48	ABK/SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3G/FT^2/DAY	.3G/FT^2/DAY

Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUYITABLE
Evaluated By: W. R. Marlin, LSS, 8/28/01, W. R. Marlin
Others Present:

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 2
Property ID: 011-032-21
Lot #: N/A
File #: 4707B
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:

Address: Date Evaluated:

Proposed Facility: Design Flow (.1949): Property Size:

Location of Site: Property Recorded:

Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other

Evaluation Method: [ ] Augur Boring [ ] Pit [ ] Cut

Type of Wastewater: [ ] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
8	LS	0-6	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .275G/FT^2/DAY
		6-24	ABK/SBK/C	FI/SEXP/S/P					
		24-36	SBK/C	FI/SEXP/S/P					
		36-48	SBK/CL	FR/SEXP/SS/SP					
9	LS	0-5	GR/SL	FR/SEXP/NS/NP	"	"	"	"	PS, IV .3G/FT^2/DAY
		5-45	SBK/C	FI/SEXP/S/P					
		45-48	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946): _____

Site Classification (.1948):

Evaluated By:

Others Present:

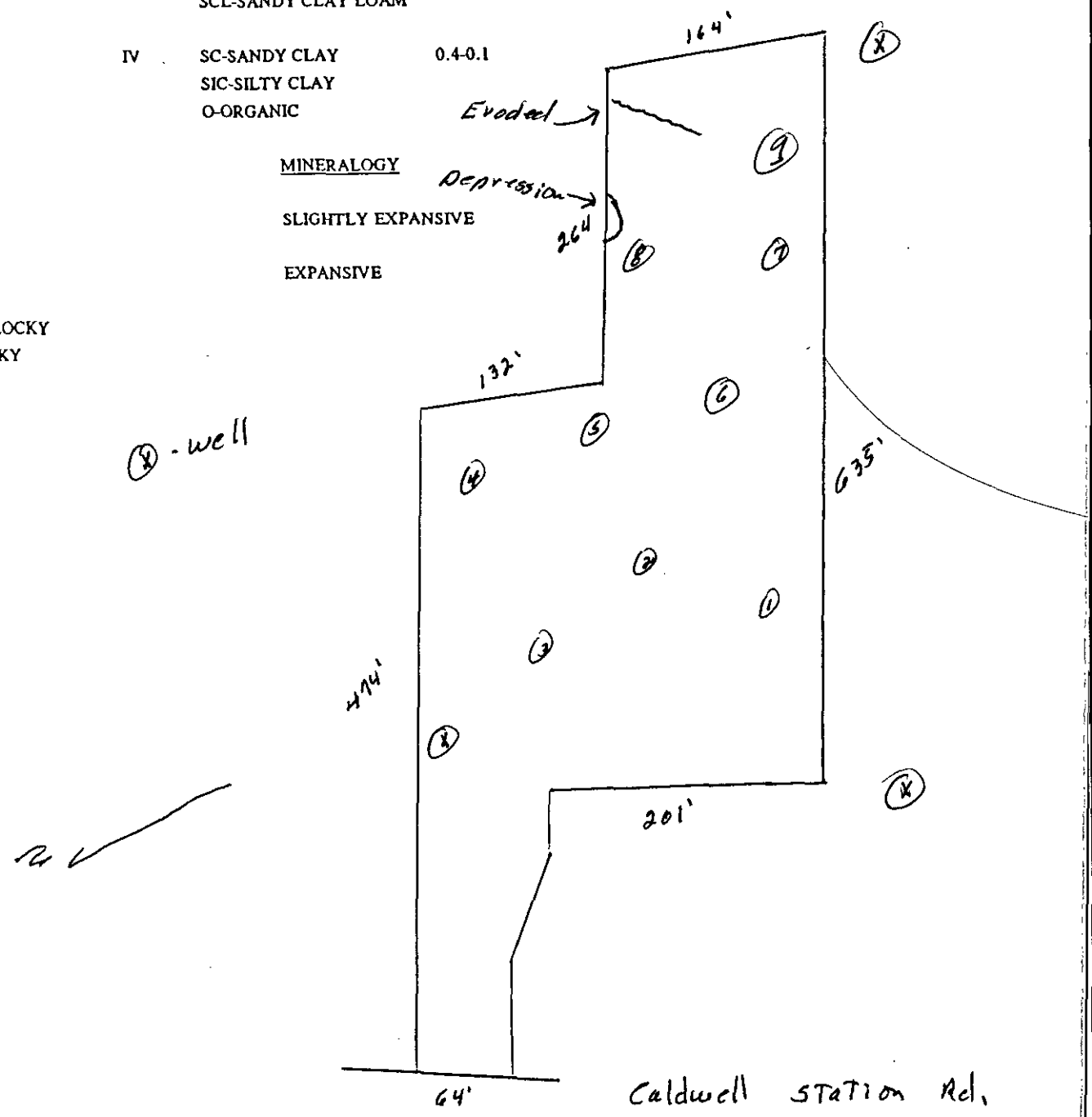
FILE # 47078

COMMENTS 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

CONSISTENCE MOIST	CONSISTENCE WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees, and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 19 day of April, 199 2002