

14424 HOLBROOKS RD

01909202

1/4/2008

duponbj

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

FEE: 200.00

DATE: 2-15-00 OR

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

PD 1st & 2nd Septic Evaluation 1 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 #: 4/990

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 7 01909202

STREET ADDRESS: 14424 Holbrook Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 3

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: ~ 1770

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS:

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:

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
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES ✓ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:

NAME: (LAST) Lee (FIRST) King (MI) C

ADDRESS: 4801 Kitty Dr

CITY: Charlotte STATE: NC ZIP:

DAYTIME PHONE: 704 398-2291

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Boone (FIRST) Cathy (MI)

DAYTIME PHONE: 704 394-4638

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: Cathy Boone DATE: 2-15-2000

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

Letter from Owner witnessed by Kelly to authorize work on Prop. 2/15/00

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Additional site for #3
Property ID: 019-097-02
Lot #:
File #: 4199B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: King C. Lee
APPLICANT: Cathy Brown
ADDRESS: 4301 Kelly Dr, Charlotte
DATE EVALUATED: 3-14-00
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360 gpd PROPERTY SIZE: 1.05
LOCATION OF SITE: 14424 Holbrook Road PROPERTY RECORDED:
WATER SUPPLY: ☐Private ☑Public ☐Well ☐Spring ☐Other
EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #	Slopes 6-15% .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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	LS	0-3"	gr/sl	Fr/SE/SP/NS/NP	2.5Y 6/1 @ 10"	14"	N/A	None	US
		3-14"	M/SC	VF:/Mixed//US/VP					
2	LS	0-2"	gr/sl	Fr/SE/SP/NS/NP	2.5Y 7/1 @ 6"	10"	N/A	None	US
		2-10"	SBK/SC	VF:/Mixed//US/VP					
3	LS	0-3"	gr/sl	Fr/SE/SP/NS/NP	2.5Y 7/1 @ 10"	13"	N/A	None	US
		3-13"	SBK/SC	F:/Mixed//US/VP					
4	LS	0-15"	gr/sl	Fr/SE/SP/NS/NP	2.5Y 6/2 @ 34"	37"	N/A	None	US III
		15-37"	SBK/SCL	Fr/SE/SP/SS/SP					
5	LS	0-2"	gr/scl	Fr/SE/SP/SS/SP	2.5Y 7/1 @ 10"	20"	N/A	None	US
		2-20"	SBK/C	VF:/Mixed/US/VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. B. Marlin LSS 3-17-00
OTHER(S) PRESENT:

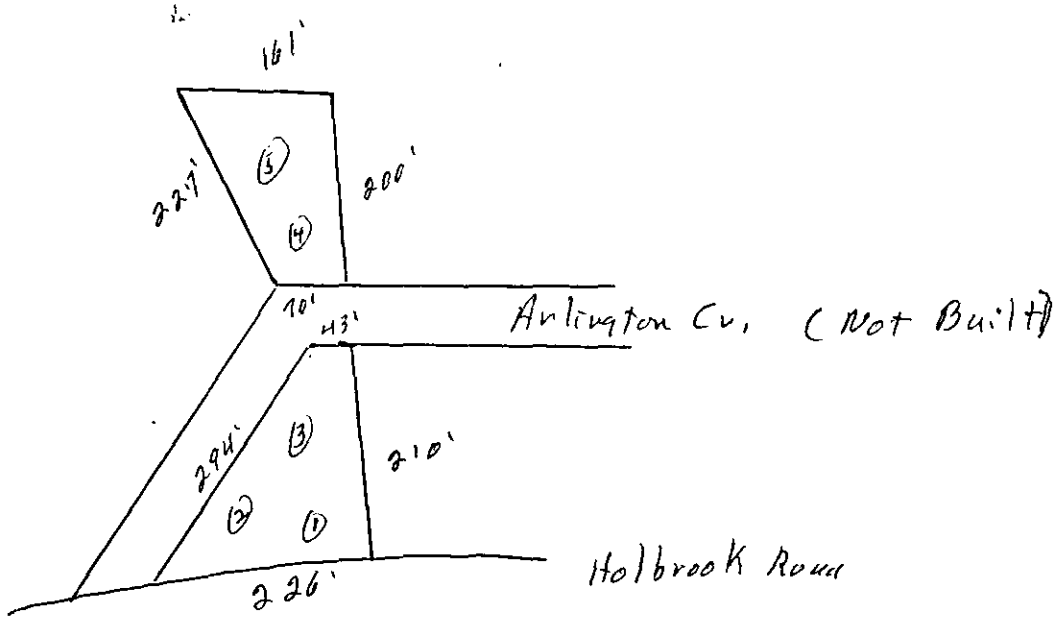
FILE # 4199B

COMMENTS 019-092-01, 019-091-5
used as alternate site for 019-092-02

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	



N

Mecklenburg County
Health Department

King Kee
4801 Kitty Dr
Charlotte NC 28216

Re: 14424 Holbrook Rd
File: 4199-B
Parcel: 019-092-02

Dear Property Owners:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 .1942 .1943 .1945

For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d), which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
>
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
> (2) the effluent will not contaminate ground or surface water; and
> (3) the effluent will be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating date if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County

If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall, R.S.
Individual Water and Wastewater Systems

Mecklenburg County
Health Department

March 28, 2000

King Kee
4801 Kitty Drive
Charlotte, Nc 28216

Re: 14424 Holbrook Road
File: 4199-B
Parcel: 019-092-02

Dear Property Owner:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been concluded. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS (MORPHOLOGY)**, .1942 **SOIL WETNESS CONDITIONS**, .1943 **SOIL DEPTH**, and .1945 **AVAILABLE SPACE**. For these reasons, your application for Improvement Permit is denied. A possible way to develop the site exists under Rules .1948(d), which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
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> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
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If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall, R.S.
Individual Water and Wastewater Systems

FEE: 200.00

DATE: 2-15-00 & QRn

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

PR 100' & 2nd Septic 3 BR 1 Irrigation 1 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 #: 4/795

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 7019092 02

STREET ADDRESS: 14424 Holbrook Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 3

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: ~ 1770

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

✓ WITHOUT BASEMENT
___ ON SLAB
___ CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

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

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
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES ✓ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: (LAST) Lee (FIRST) King (MI) C	NAME: (LAST) Boone (FIRST) Kathy (MI)
ADDRESS: 4801 Kitty Dr	DAYTIME PHONE: (704) 394-4638
CITY: Charlotte STATE: NC ZIP:	
DAYTIME PHONE: (704) 398-2291	

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: Kathy Boone DATE: 2-15-2000

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

Letter from Owner witnessed by Kelly to authorize work on Prop. 2/15/00

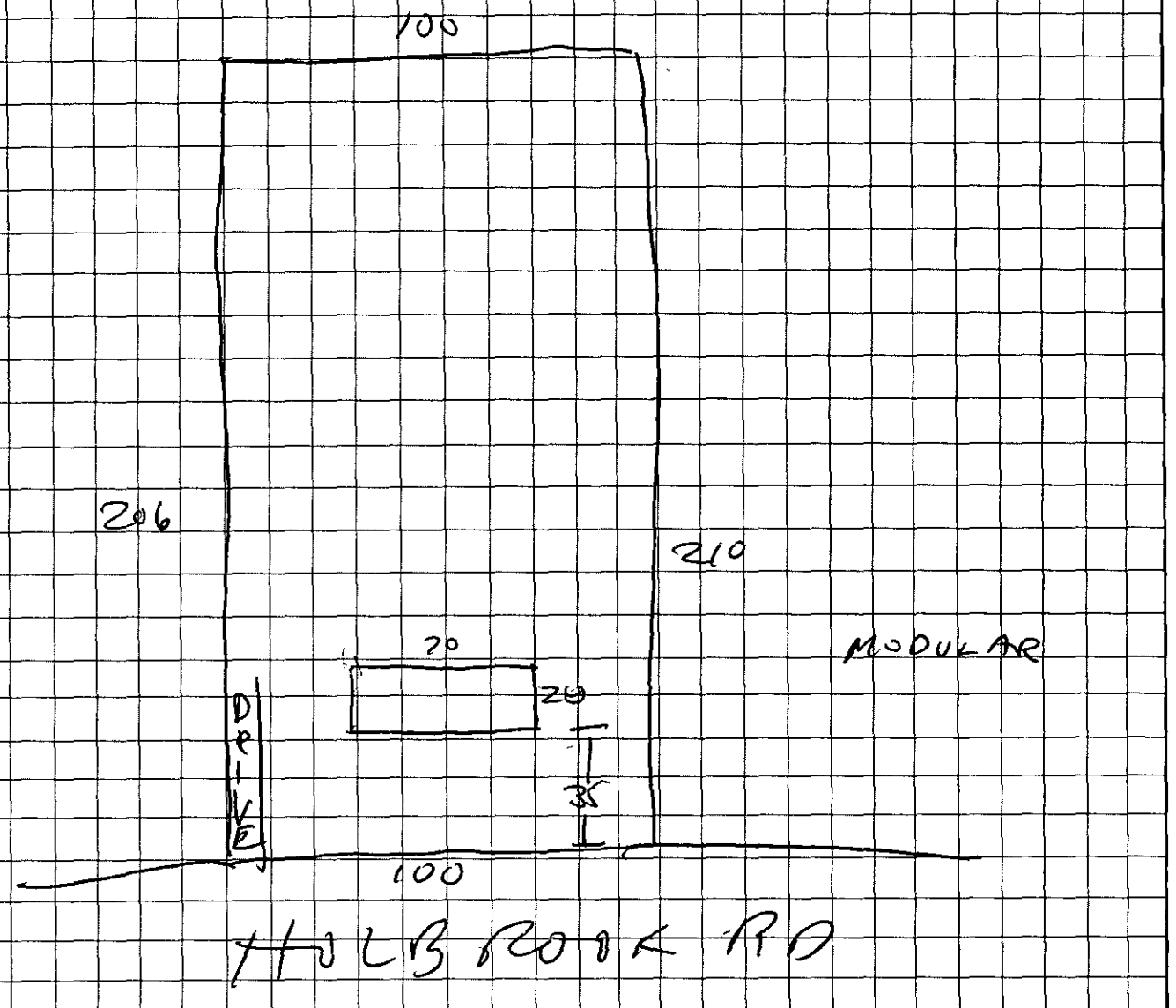
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: O 4199B

TC: 019-092-02

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



OWNER/AGENT SIGNATURE

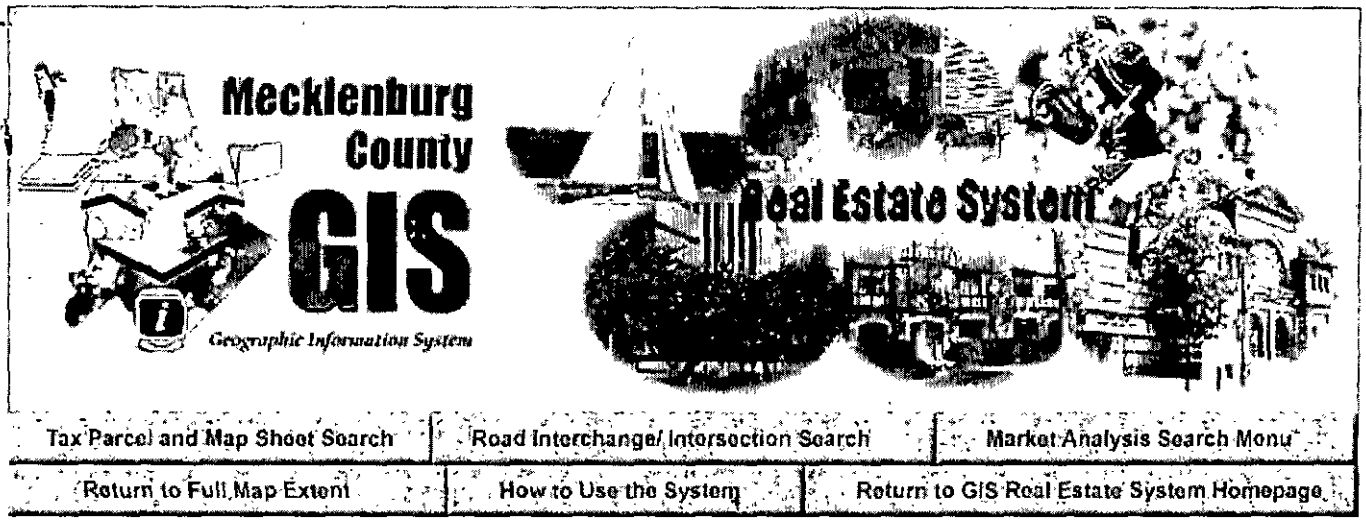
DATE

APPROVAL DATE

White - Health Department's Copy

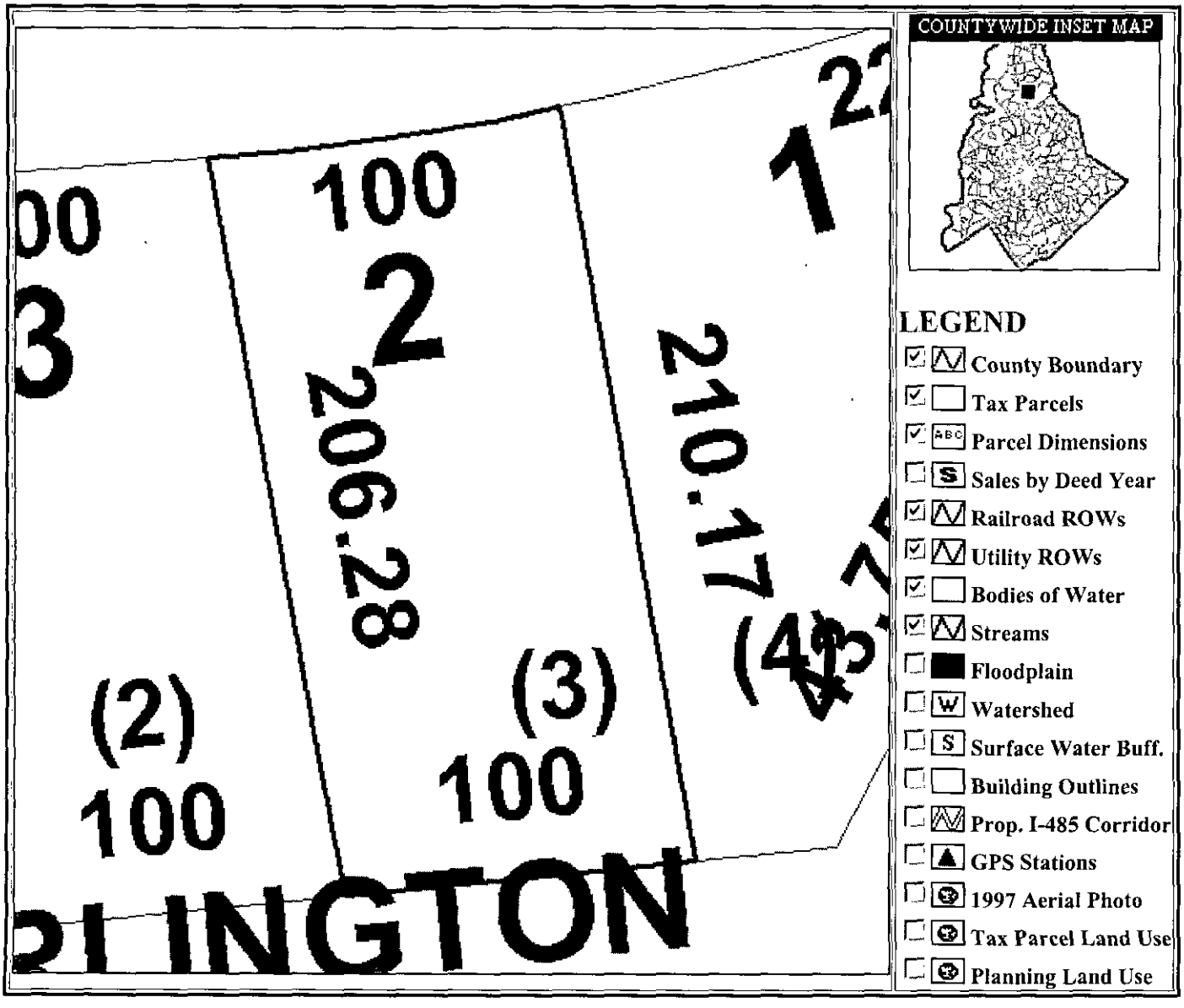
Canary - E.H.S. Copy

Pink - Owner's Copy



Click on Map to Perform Operation

○ Refresh Map ○ Pan ◉ Zoom In ○ Zoom Out Zoom Factor [1X] ○ Identify [Parcels] ○ Surveyor's Report
○ Adjoining Owner's Report within [10 FEET] ○ Measure [Start Line] Label Parcels by: [ ]



Date and Time Stamp	This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.
2/15/00 12:38:34 PM EST	

Tax Real Estate Information

Parcel-Id#: 01909202 **GIS Map#:** 01909202	**Legal Desc:** L3 B3 M8-341
Account Type: INDIVIDUAL	**Deed Book/Page:** 03900/589 **Date:** 11/15/76
Owner: KEE KING C	**Sales Price:** $0
Add. Owner: (BY ENTIRETY)	**Sales Date:** 11/15/76 **Qualified Sale:** N
Mailing: 4301 KITTY DR	**Neighborhood Code:** 01912
Address:	**Historic Desig.:** **Farm Desig.:**
City: CHARLOTTE	**Deeded Acreage:** 0
State: NC **ZIP:** 28216	**Assessed Acreage:** 0.478
Location: 14424 HOLBROOKS RD Get Directions	**Assessed Land Value:** $8000
Municipality: MECKLENBURG COUNTY	**Total Assessed Value:** $8000

Site Location Information

Zoning: NR	**Parks Within 3 Miles:** Click to Find Out
Fire District: HUNTERSVILLE	**FEMA Flood Panel#:** 3701580035B
Voter District: Click to Find Out	**FEMA Flood Zone:** OUT
School District: Click to Find Out	**FEMA Flood Map Date:** 03/02/1993
Watershed Class: N/A	**Census Tract Number:** 63

Major Improvement Information

Parcel-Id# & Card#: 01909202-001	**Situs Location:** 14424 HOLBROOKS RD Get Directions
Land Use Type: VACANT	**Ext. Type:**
Building Type: SINGLE FAMILY RESIDENTIAL	**Heating Type:**
Approximate Square Footage: 0	**AC Type:**
Actual Year Built: 0	**Fireplace:**
Number of Stories:	**Garage:** N
Bedrooms: 0	**Basement:** N
Bathrooms: 0	**Assessed Net Building Value:** $0
Restrooms: 0	**Total Assessed Building Value:** $0

This site is powered by ESRI MapObjects Internet Map Server HITSTATS By Direct IP

This site was developed by Mecklenburg County GIS and was last updated on 2/2/00 10:38:18 AM

Mecklenburg County
Health Department

February 24, 2000

King C. Kee
4801 Kitty Drive
Charlotte, NC 28216

Re: 14424 Holbrook Road
File: 4199B
Parcel: 019-092-02

Dear Property Owner:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS (MORPHOLOGY)**, .1942 **SOIL WETNESS CONDITIONS**, .1943 **SOIL DEPTH**, and .1945 **AVAILABLE SPACE.** For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d), which reads as follows:

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If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall

Kelly Randall, R.S.
Individual Water and Wastewater Systems

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

#3

Property ID: 019-092-02
Lot #: 3
File #: 4199B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Henry C. Hee
APPLICANT: Cathy Boone
ADDRESS: 4301 Hilley Dr., Charlotte
DATE EVALUATED: 2-22-00
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949) 360gpd
PROPERTY SIZE: .42
LOCATION OF SITE: 14424 Holbrook Road
PROPERTY RECORDED:
WATER SUPPLY: Private Public Well Spring ✓Other Community
EVALUATION METHOD: ✓Augur Boring Pit Cut
TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

PROFILE #	1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS: 1942 SOIL WETNESS/ COLOR	1943 SOIL DEPTH	1956 SAPRO CLASS	1944 RESTR HORIZ	PROFILE CLASS &LTAR
	Slopes 5-15%								
1	LS	0-27"	gr/LS	Fr/SEXP/NS/NP	7.5YR 7/1 @ 39" to soil wetness	39"	N/A	None	US
		27-33"	SBK/SCL	Fr/SEXP/SS/SP					
		33-39"	SBK/SCL	F.I Mixed/VS/VP					
2	LS	0-7"	gr/SL	Fr/SEXP/NS/NP	2.5Y 7/1 @ 39"	38"	N/A	None	US
		7-38"	SBK/SC	VF.I/Mixed/VS/VP					
			possible Plinth						
3	LS	0-10"	gr/SCL	Fr/SEXP/SS/SP	2.5Y 7/1 @ 22"	28"	N/A	None	US
		10-28"	SBK/SC	VF.I/Mixed/VS/VP					
4	LS	0-2"	gr/SCL	Fr/SEXP/SS/SP	2.5Y 6/1 @ 16"	20"	N/A	None	US
		2-20"	SBK/SC	VF.I/Mixed/VS/VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. R. Modlin LSS 2-23-00
OTHER(S) PRESENT: T. Suggs

FILE # 41993

COMMENTS Lot does not appear to be WCA Regula

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
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		O-ORGANIC	

CONSISTENCE	
MOIST	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

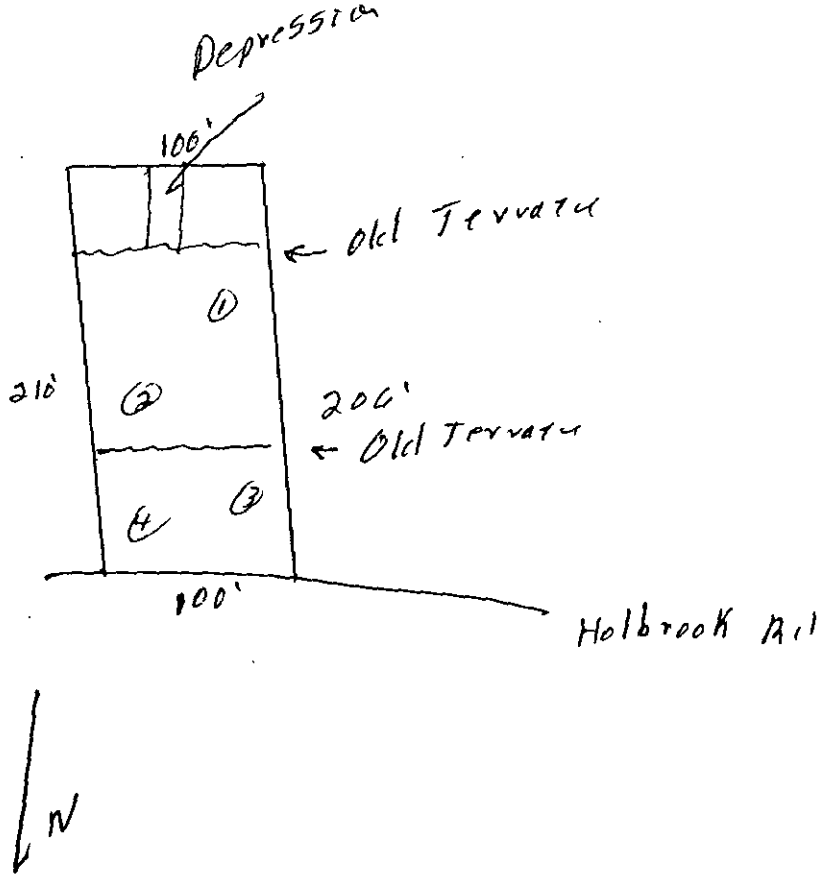
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



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

Sheet: _____

Property ID: 019-092-02

Lot #: 3

File #: 41993

AS #3

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: King C. Lee APPLICANT: Cathy Boone

ADDRESS: 4301 Hilly Dr., Charlotte DATE EVALUATED: 2-22-00

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: .46

LOCATION OF SITE: 14424 Holbrook Road PROPERTY RECORDED: _____

WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☒Other Community

EVALUATION METHOD: ☒Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

PROFILE #	Slopes 5-15% .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	LS	0-27"	gr/LS	Fr/SEXP/NS/NP	7.5YR 7/1 TO 5Y 7/1 wetness	39"	N/A	None	US
		27-33"	SBK/SCL	Fr/SEXP/SS/SP					
		33-39"	SBK/SCL	F.I Mixed/VS/VP					
2	LS	0-7"	gr/LS	Fr/SEXP/NS/NP	2.5Y 7/1 @ 39"	39"	N/A	None	US
		7-38"	SBK/SC	VF.I/Mixed/VS/VP					
			Possible Plinth						
3	LS	0-10"	gr/SL	Fr/SEXP/SS/SP	2.5Y 7/1 @ 22"	29"	N/A	None	US
		10-29"	SBK/SL	VF.I/Mixed/VS/VP					
4	LS	0-2"	gr/SL	Fr/SEXP/SS/SP	2.5Y 6/1 @ 16"	20"	N/A	None	US
		2-20"	SBK/SL	VF.I/Mixed/VS/VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): Unsuitable

EVALUATED BY: W. R. Mallin LSS 2-23-00

OTHER(S) PRESENT: J. Suggs

FILE # 41993

COMMENTS Lot does not appear to be WCE 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	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

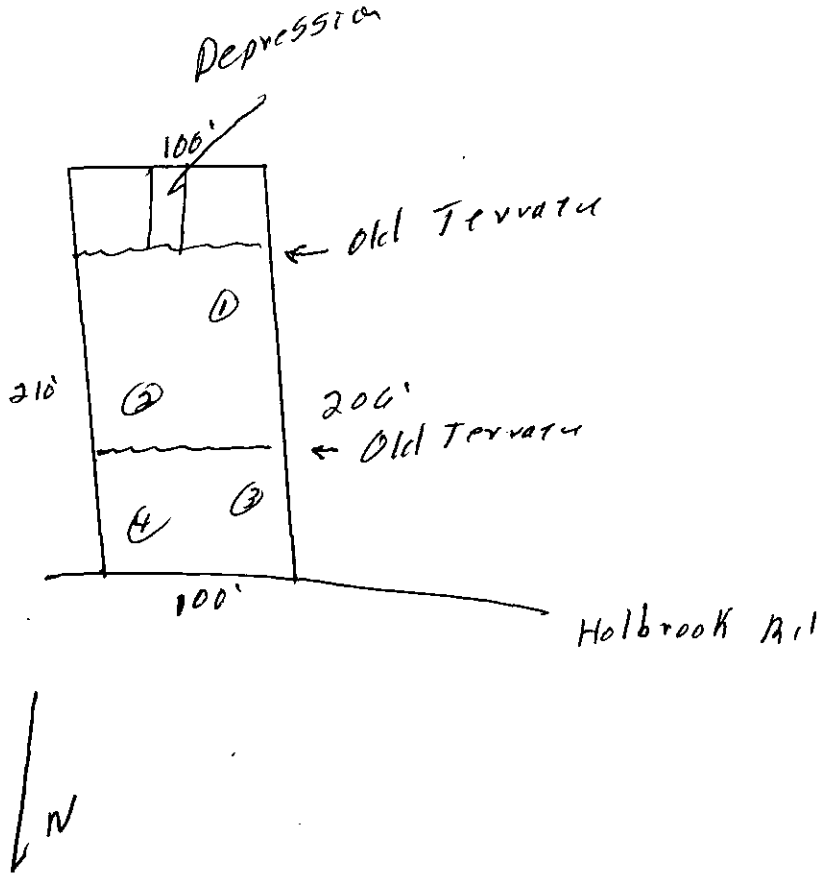
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



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

Additional site for #3

Sheet: _____
Property ID: 019-092-02
Lot #: _____
File #: 4199B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: King C. Lee
APPLICANT: Cathy Broom
ADDRESS: 4310 Kelly Dr. Charlotte
DATE EVALUATED: 3-14-00
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360 gpd PROPERTY SIZE: 1.05
LOCATION OF SITE: 14424 Holbrook Road PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☑Public ☐Well ☐Spring ☐Other _____
EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 Landscape Position/ Slope % (Slopes 6-15%)	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	LS	0-3"	gr/sl	Fr/SEXPINS/NP	2.5Y6/1 @ 10"	14"	N/A	None	US
		3-14"	M/SC	VF:/Mixed//US/VP					
2	LS	0-2"	gr/sl	Fr/SEXPI NS/NP	2.5Y 7/1@6"	10"	N/A	None	US
		2-10"	SBK/SC	VF:/Mixed/PS/VP					
3	LS	0-3"	gr/sl	Fr/SEXPI NS/NP	2.5Y7/1 @ 10"	13"	N/A	None	US
		3-13"	SBK/SC	F:/Mixed/US/VP					
4	LS	0-15"	gr/sl	Fr/SEXPI NS/NP	2.5Y6/2 @34"	37"	N/A	None	US III
		15-37"	SBK/SCL	Fr/SEXPI SS/SP					
5	LS	0-2"	gr/scl	Fr/SEXPI SS/SP	2.5Y7/1 @10"	20"	N/A	None	US
		2-20"	SBK/C	VF:/Mixed/US/VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. R. Marlin LSS 3-17-00
OTHER(S) PRESENT: _____

FILE # 41993

COMMENTS 019-092-01, 019-091-5
used as alternate site for 019-092-02

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	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

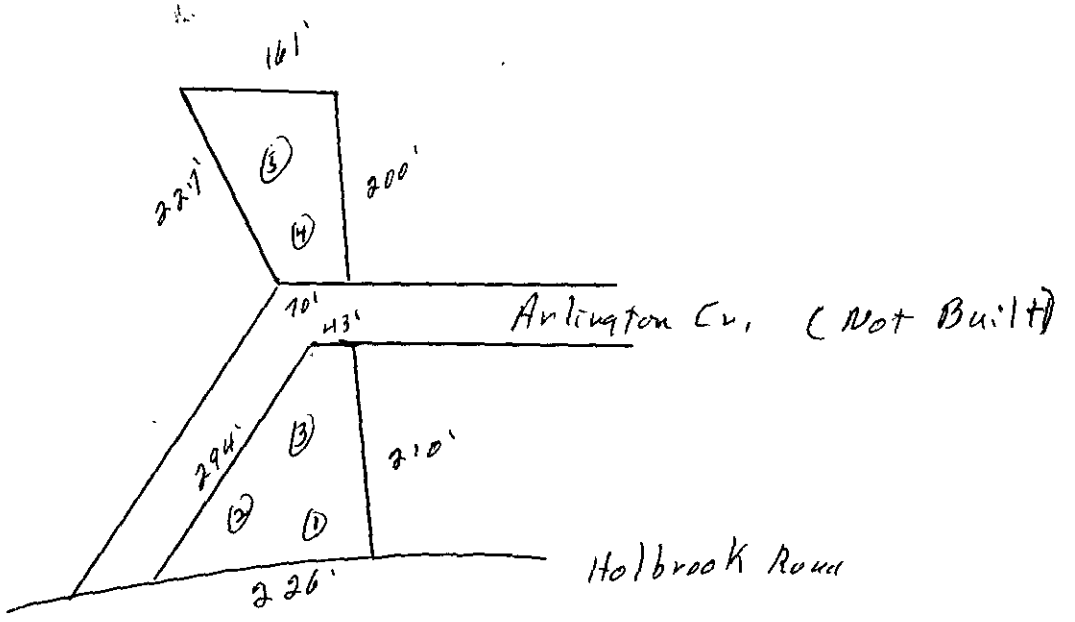
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



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