

11313 ALEXANDERANA RD

6/20/2007

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

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

#3 AOS

Sheet: _____
Property ID: PO 017-042-22
Lot #: _____
File #: 6740A

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Cynthia A. Welch APPLICANT: _____
ADDRESS: 11315 Alexanderana Road, Huntersville DATE EVALUATED: 12-30-99
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) _____ PROPERTY SIZE: Approx 1.01 ac
LOCATION OF SITE: off Alexanderana Rd PROPERTY RECORDED: _____
WATER SUPPLY: ☒Private ☐Public ☒Well ☐Spring ☐Other _____
EVALUATION METHOD: ☐Augur Boring ☒Pit ☐Cut
TYPE OF WASTEWATER: ☐Sewage ☐Industrial Process ☐Mixed

PROFILE #	Slopes 2-10% .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	0-8"	gr/ sl	Fr/SEXP/NS/NP	2.5Y6/1 @ 16"	24"	US	None	US
		8-16"	SBK/scl	Fr/SEXP/SS/SP					
		16-24"	SBK/ sc	VF:/ Mixed/ US/ up					
			pods 7-1"						
		24-44"	M/ scl	FP/ SEXP/SS/SP					
2	LS	0-10"	gr/ sl	FR/SEXP/NS/NP	2.5Y7/2 @ 24"	24"	US	None	US
		10-18"	SBK/ scl	FR/ SEXP/SS/SP					
		18-24"	M/ scl	Fr/SEXP/SS/SP					
		24-53"	M/sl	VFi/ SEXP/NS/NP					
3	LS	0-16"	gr/sl	Fr/SEXP/NS/NP	2.5Y 7/1 @ 24"	35"	US	None	US
		16-22"	SBK/ scl	Fr/SEXP/SS/SP					
		22-35"	SBK/SC	VF:/ Mixed/ US/ up					
		35-55"	M/ scl	Fr/ SEXP/SS/SP					
4	LS	0-15"	gr/sl	Fr/SEXP/NS/NP	2.5Y7/2 @ 17"	22"	US	None	US
		15-18"	SBK/scl	Fr/SEXP/SS/SP					
		18-22"	SBK/SC	VF:/ Mixed/ US/ up					
		22-34"	M/ scl	F:/ SEXP/ SS/SP					
		VFi	Saprolite @	34"					

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 12-31-99
OTHER(S) PRESENT: A. Crosby

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

Sheet: _____
Property ID: _____
Lot #: _____
File #: 6740A

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____

ADDRESS: _____ DATE EVALUATED: _____

PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949) _____ PROPERTY SIZE: _____

LOCATION OF SITE: _____ 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 %	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
5	LS	0-7"	gr/sl	Fr/SE XP/NS/NP	2.5Y 6/2 @ 13"	15"	US	None	US
		7-15"	SBK/SC	VFi/Mixed/US/UD					
		15-36"	M/SL	Fr/SE XP/NS/NP					
		36-41"	M/SL	VFi/SE XP/NS/NP					
6	LS	0-7"	gr/sl	Fr/SE XP/NS/NP	2.5Y 7/1	19"	US	None	US
		7-12"	SBK/SL	Fr/SE XP/NS/NP					
		12-19"	SBK/SC	VFi/Mixed/US/UD					
		19-26"	M/SL	Fr/SE XP/NS/NP					
		VFi	saprolite @	26"					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____

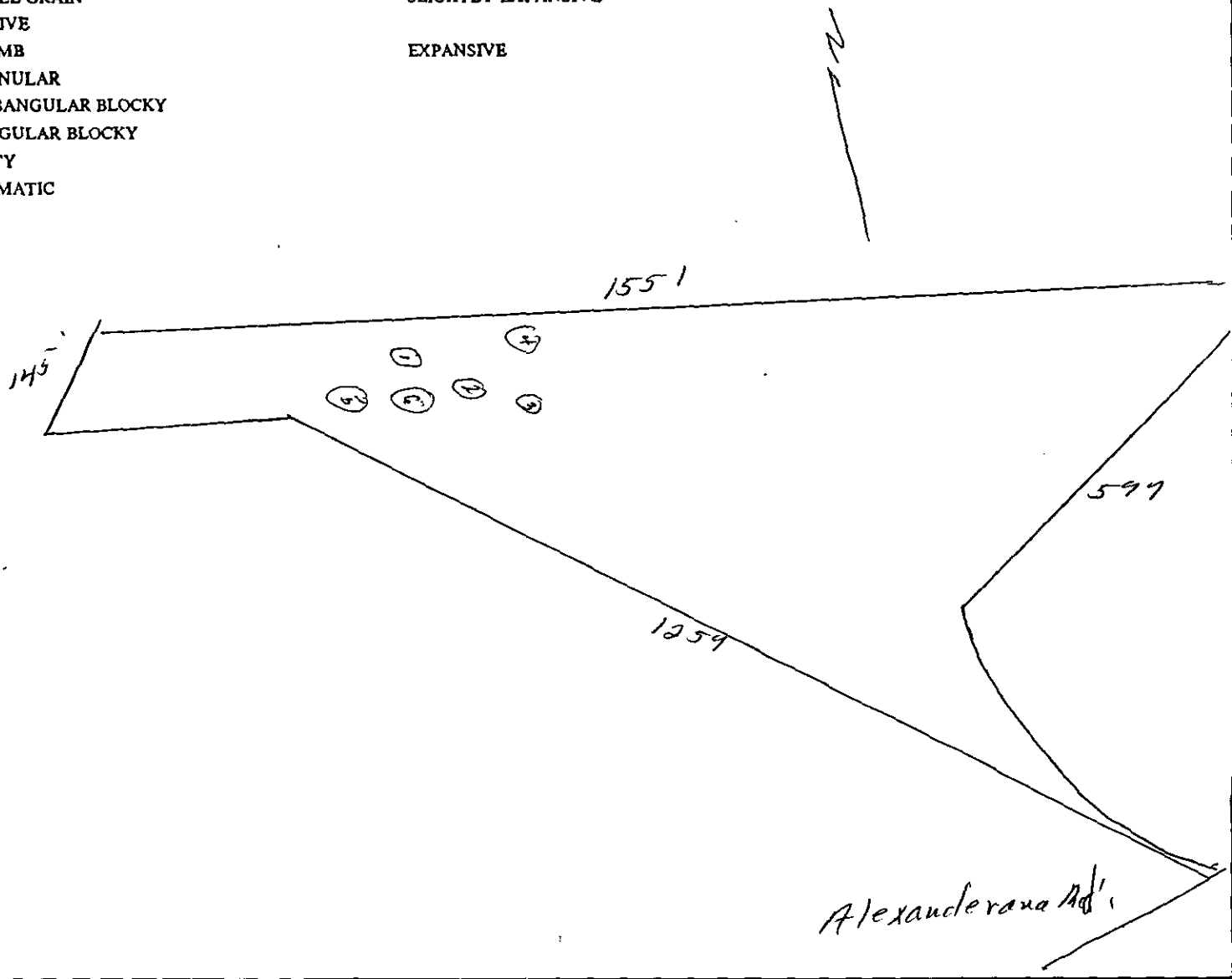
OTHER(S) PRESENT: _____

FILE # 6740A

COMMENTS 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR	CONSISTENCE MOIST	CONSISTENCE WET
R-RIDGE	I	S-SAND	1.2-0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLYSTICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3		SP-SLIGHTLYSTICKY
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM			
	IV	SC-SANDY CLAY	0.4-0.1		
		SIC-SILTY CLAY			
		O-ORGANIC			

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



Mecklenburg County
Health Department

January 5, 2000

Cynthia Wisch
11313 Alexanderana Road
Huntersville, NC 28078

Re: Alexanderana Road
File: 6740A
Parcel: 071-042-22

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:

> 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

pd. 100.00
2nd site eval.
VW
12-22-99
CK #600

June 1st, 1990

017-042-22

Cynthia Wisch
11313 Alexanderana Rd.
Huntersville, NC 28078

RE: Property located at Alexanderana Road
FILE: 6740A
PARCEL: 07104222

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as UNSUITABLE under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the Site Evaluation Report (Serial Number 17922) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B and 10 NCAC 1B.

If I can be of assistance, please do not hesitate to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6740A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 11313 Alexanderana Rd Huntersville NC

② SUBDIVISION: — ③ LOT: — ④ BLOCK: —

⑤ PARCEL REFERENCE: BOOK NO.: 90-071 PAGE NO.: 042 PARCEL NO.: 22

⑥ DEED REFERENCE: BOOK NO.: 5918 PAGE NO.: 729

OWNER

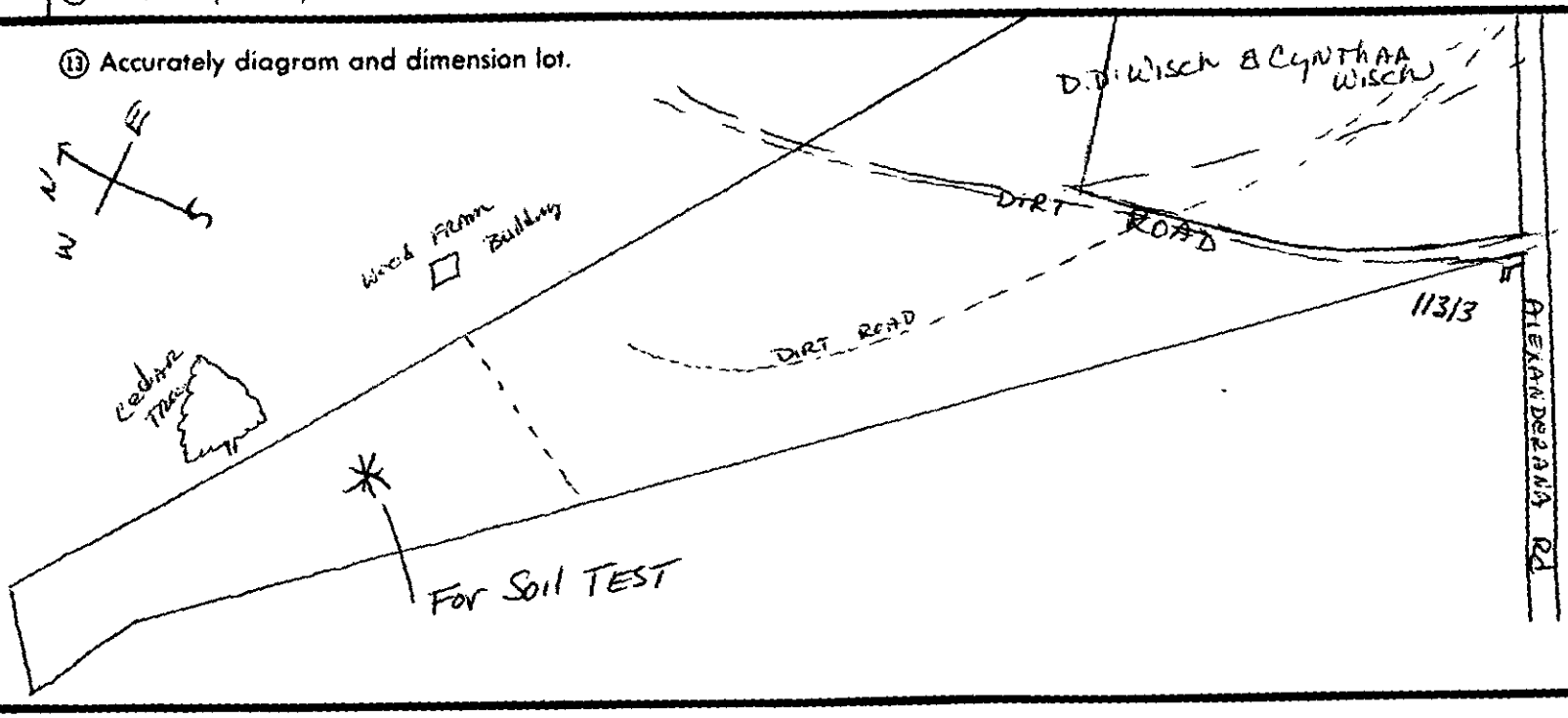
⑦ NAME: Cynthia (FIRST) Alexander (MIDDLE) Wisch (LAST)

⑧ MAILING ADDRESS: 11313 Alexanderana Rd

⑨ CITY: Huntersville ⑩ STATE: N. C ⑪ ZIP: 28078

⑫ PHONE: (WORK) 704-547-9448 (HOME) 704-875-1532

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, 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: Cynthia A. Wisch

Date: 4/29/90

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

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 5/11/90

Name/Company: [redacted] Robert Crosby

Sanitation ____

Vector Control ____

O.P.W.D. ✓

Service: Soil
Lane
6740A

MECKL
HEALTH
ENVIRONMENTAL HEALTH DIVISION
PAID

MAY 14 1990

Fee: $ 40.00

check # 1381
$40.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

Mecklenburg County
Health Department

pd. 100
2nd site eval.
VW
12-22-99
CK#600

June 1st, 1990

Cynthia Wisch
11313 Alexanderana Rd.
Huntersville, NC 28078

RE: Property located at Alexanderana Road
FILE: 6740A
PARCEL: 07104222

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If I can be of assistance, please do not hesitate to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 17922

File: 67 40A Action: E

Parcel: PO 017-042-22 ☐ PC

Location:

Subdivision:

Lot: Block: Acres: Approx @ 1.0

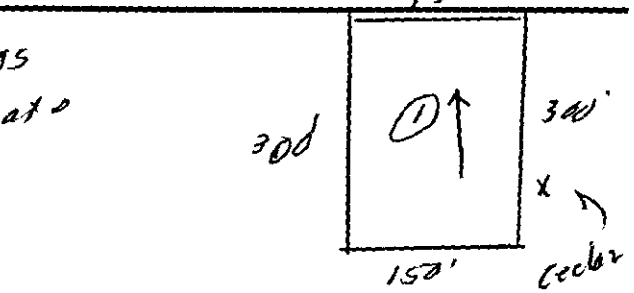
Owner:
Address:

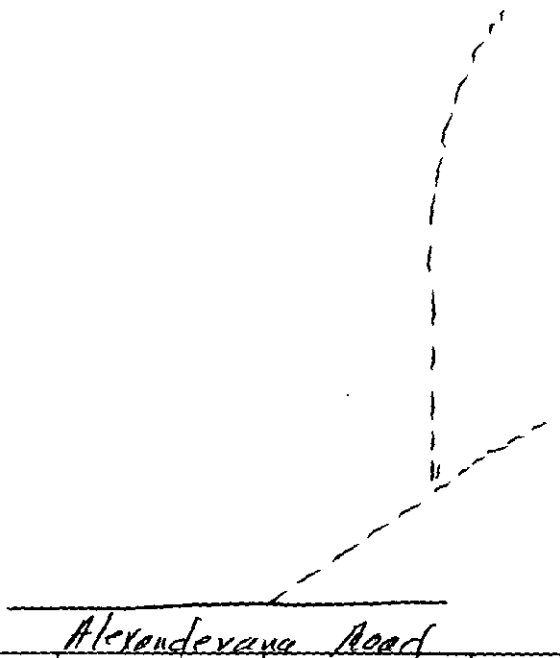
Comments: _____

Described by: William A. Medlin

Date: 5-30-90

Dimensions Approximate





***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) 2-1 clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS (U) perched water 24-36"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 23-36"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 72"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Helena-Iredell Expansive Clay					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 17922

File: 1114 Action ____

Parcel: 117-142-22 ☐ PC

Location:

Subdivision:

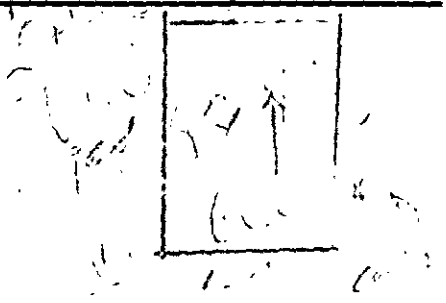
Lot: Block: Acres: 1.0

Owner:
Address:

Comments: _____

Described by: _____

Date: _____



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series						
Area Classification	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U