BM

FILE NUMBER: 3147 | Revised On: August 31, 2007 | APPLICATION NUMBER: 7573B

SEPTIC FEE: 200.00
DATE: 1-14-2008
Visa - 007399 appro

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES
APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

WELL FEE: _____
DATE: _____

1. **SEPTIC / TYPE APPLICATION:** ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:** Kerns Rd + Hambright
TAX PARCEL NUMBER: 015-271-01
STREET ADDRESS: Kerns Road
CITY: Huntersville
STATE: NC ZIP: NC
SUBDIVISION NAME:
LOT #: 1 LOT SIZE (acres): 6
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☒ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. **BUILDING INFORMATION:**
BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS:
FOUNDATION TYPE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☐ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ☐ MUNICIPAL ☐ PUBLIC WELL ☒ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

7. **PROPOSED USE OF WELL:** ☐ N/A ☐ IRRIGATION ☒ POTABLE ☐ GEOTHERMAL ☐ OTHER

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ ANY TYPE ☒ CONVENTIONAL ☐ ACCEPTED ☒ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** 1 ____ 2 ____ ____

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES ☒ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES ☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES ☒ NO	JURISDICTIONAL WETLANDS	☐ YES ☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES ☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES ☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☒ YES ☐ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES ☒ NO

10. **PROPERTY OWNER:**
NAME: Hecht Development
ADDRESS: 388 N Hwy 16
CITY: Denver
STATE: ZIP: NC 28037
HOME PHONE: 704-489-1183 WORK PHONE:
MOBILE PHONE: FAX:

11. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: Danny Edwards
ADDRESS: 388 N. Hwy 16
CITY: Denver
STATE: ZIP: 28037
HOME PHONE: 704-996 WORK PHONE:
MOBILE PHONE: 0117 FAX:

12. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 8/05
13 **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** _____

14. **SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:**
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. 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. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

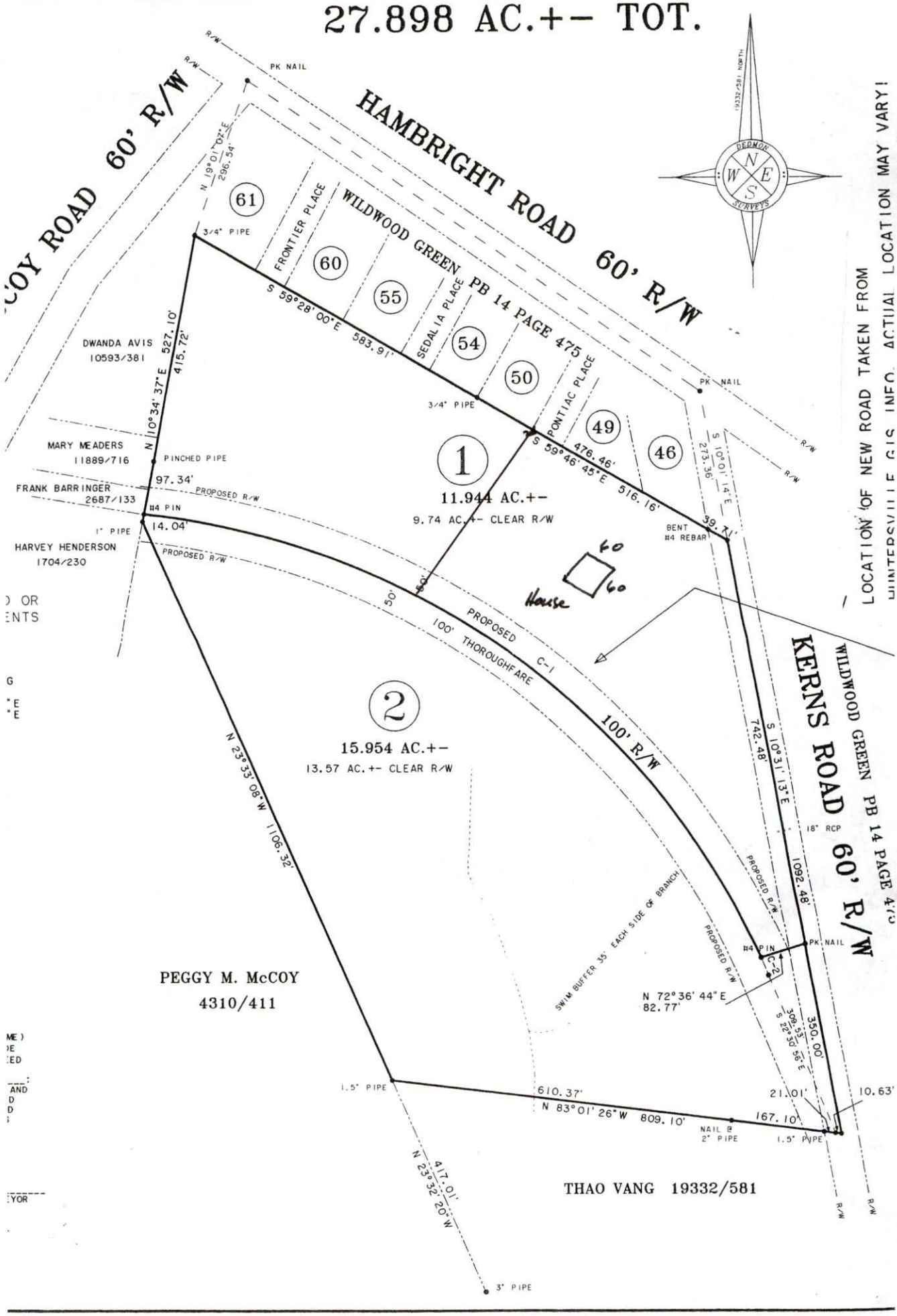
[signature] 1-14-07
Property Owner's or Owner's Legal Representative Signature Date

15. **WELL PERMIT APPLICATION SIGNATURE SECTION:**
If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. 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. The permit is valid for a period of 12 months from the date of issuance.

_____
Property Owner's or Owner's Legal Representative Signature Date

☒ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

MECKLENBURG COUNTY-GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211, CHARLOTTE, NC 28202 PHONE: (704) 336-5103 FAX: (704) 336-6894


27.898 AC.+- TOT.
HAMBRIGHT ROAD 60' R/W
'COY ROAD 60' R/W
PK NAIL
N 19°01'07"E 296.34'
61
60
55
54
50
49
46
FRONTIER PLACE
WILDWOOD GREEN PB 14 PAGE 475
SEDALIA PLACE
PONTIAC PLACE
3/4" PIPE
S 59°28'00"E 583.91'
S 59°46'45"E 516.16'
S 10°01'14"E 273.36'
DWANDA AVIS
10593/381
N 10°34'37"E 527.10'
415.72'
MARY MEADERS
11889/716
PINCHED PIPE
97.34'
PROPOSED R/W
FRANK BARRINGER
2687/133
#4 PIN
1" PIPE
14.04'
HARVEY HENDERSON
1704/230
1
11.944 AC.+-
9.74 AC.+- CLEAR R/W
BENT #4 REBAR
39.71'
60
60
House
50'
PROPOSED C-1
100' THOROUGHFARE
2
15.954 AC.+-
13.57 AC.+- CLEAR R/W
100' R/W
N 23°33'08"W 1106.32'
S 10°31'13"E 742.48'
18" RCP
1092.48'
PROPOSED R/W
SWIM BUFFER 35' EACH SIDE OF BRANCH
PROPOSED R/W
#4 PIN
PK NAIL
C-2
N 72°36'44"E 82.77'
S 22°50'56"E 309.53'
350.00'
PEGGY M. McCOY
4310/411
1.5" PIPE
610.37'
N 83°01'26"W 809.10'
21.01'
10.63'
167.10'
NAIL @ 2" PIPE
1.5" PIPE
N 23°32'20"W 417.01'
3" PIPE
THAO VANG 19332/581
WILDWOOD GREEN PB 14 PAGE 475
KERNS ROAD 60' R/W
LOCATION OF NEW ROAD TAKEN FROM
WINTERSVILLE GIS INFO. ACTUAL LOCATION MAY VARY!
DERMON SURVEYS
19332/581 NORTH

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 01/14/08
Receipt #: 54517
Check / Auth #: VISA 007399
Received By: GLADNAG

Amount: 200.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: EDWARDS DANNY
Attn:
Address: 388 N. HWY 16
Address:
City/State/Zip: DENVER, 28037

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen KERNS RD (LOT 1)		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

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

Sheet: 1 OF 3
Property ID: PO 015-271-01
Lot #: 1
File #: 7573B
AppID: 3147

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Hecht Development
Applicant: Danny Edwards
Address: 388 N. Highway 16, Denver, N. C. 28037
Date Evaluated: 1/30/08
Proposed Facility: Residence
Design Flow (.1949) 600gpd
Property Size: Approx. .3a inv.
Location of Site: Kerns Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger 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	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 5	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		3-30	SBK/C	FI/SEXP/S/P					
		30-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-6	GR/CL	"	>40" TO SOIL WETNESS	40	"	"	PS, IV .225GPD/FT^2
		6-40	SBK/ABK/C	FI/SEXP/S/P					
			POSSIBLE	PLATY AT 38"					
3	"	0-4	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	PS, IV .25GPD/FT^2
		4-48	SBK/ABK/C	FI/SEXP/S/P					
			POSSIBLE	PLATY AT 44"					
4	"	0-5	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	"	"	"	PS, IV .275GPD/FT^2
		5-40	SBK/C	FI/SEXP/S/P					
		40-48	SBK/SCL	FR/SEXP/SS/SP					
5	"	0-6	GR/CL	"	"	"	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
6	"	0-4	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		4-48	SBK/C	FI/SEXP/S/P					
7	"	0-4	GR/CL	FR/SEXP/SS/SP	>36" TO SOIL WETNESS	34	"	"	US, IV .225GPD/FT^2
		4-27	SBK/C	FI/SEXP/S/P					
		27-34	WKSBK/SCL	FR/SEXP/SS/SP					
		34-36	M/SCL	"					

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

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 1/31/2008, W. R. Marlin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:
100% repair

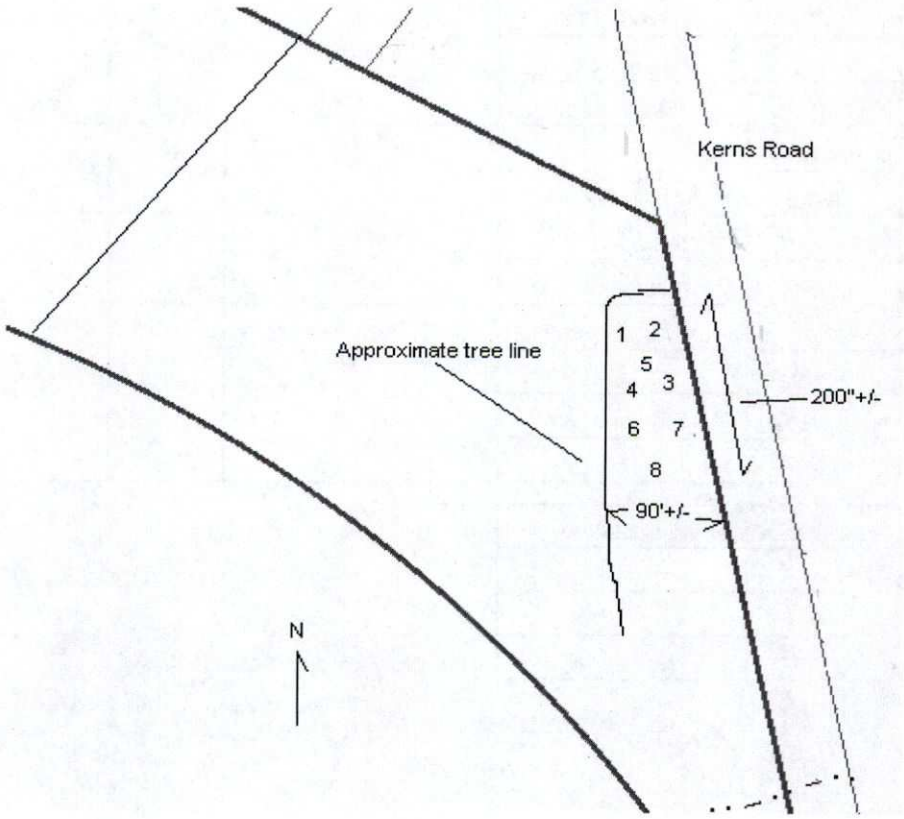
Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
T-Terrace		CL-Clay Loam	
FP-Flood Plain		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

Consistence Moist	Consistence Wet
VFR-Very Friable	NS-Non-Sticky
FR-Friable	SS-Slightly Sticky
FI-Firm	S-Sticky
VFI-Very Firm	VS-Very Sticky
EFI-Extremely Firm	NP-Non-Plastic
	SP-Slightly Plastic
	P-Plastic
	VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations



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

Sheet: 3 of 3
File #: 7573B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
8	LS, 5	0-3	GR/CL	FR/SEX/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		3-32	SBK/C	FI/SEXP/S/P					.275GPD/FT^2
		32-48	SBK/SCL	FR/SEX/SS/SP					
					SITE LTAR .27GPD/FT^2				