

9725 WORLEY DR

11103614

1/11/2008

duponbj

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

$100 pd'd pmt rec'd 7/30/07

FILE NUMBER: 71926

Revised On: January 3, 2007

APPLICATION NUMBER: 2453

SEPTIC FEE: _____
DATE: _____

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:

TAX PARCEL NUMBER: 111-036-14
STREET ADDRESS: 9725 WORLEY DRIVE
CITY: CHARLOTTE
STATE: NC ZIP: 28215
SUBDIVISION NAME: The Preserve @ Knoley Lakes
LOT #: 5 LOT SIZE (acres): 0.67
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: 2900 - 3400
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: APPROX. 4

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: N/A
NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: N/A

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:	X	1	2	3	4	

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 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: STEVENS LAND DEVELOPMENT, INC.
ADDRESS: 15605 SULLIVAN RIDGE DR.
CITY: CHARLOTTE
STATE: NC ZIP: 28277
HOME PHONE: 704.544.6112 WORK PHONE: 704.400.5040
MOBILE PHONE: 704.400.5040 FAX: 704.544.1023

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Summer 2007

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.

Property Owner's or Owner's Legal Representative Signature 6/22/07 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

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

Sheet: 1 of 3
Property ID: 111-036-14
Lot #: 5
File #: 7192B
AppID: 2453

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Stevens Land Development, Inc.
Applicant: Scott Stevens
Address: 15605 Sullivans Ridge Dr., Charlotte, NC 28277
Date Evaluated: 7/31/2007
Proposed Facility: Residence
Design Flow (.1949): 480 gpd
Property Size:
Location of Site: 9725 Worley Dr
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] 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
1P	LS,10	0-7	GR/SCL	FR/SS/SP/SEXP	>50" TO SOIL WETNESS	23	US 23-43"	NONE	US
		7-23	ABK/PR/C	VFI/VS/VP/EXP			S 43-50"		
		23-43	M/SAP/SCL	FI/S/P/SEXP					
		43-50	M/SAP/SL	FR/SS/SP/SEXP					
2P	"	0-7	GR/SL	FR/SS/SP/SEXP	>55" TO SOIL WETNESS	21	US 21-31"	"	PS,II
		7-21	ABK/PR/C	VFI/VS/VP/EXP			S 31-55"		.3 GPD/FT^2
		21-31	M/SAP/SCL	FI/S/P/SEXP					
		31-55	M/SAP/SL	FR/SS/SP/SEXP					
3P	"	0-5	GR/SL	FR/SS/SP/SEXP	>60" TO SOIL WETNESS	21	US 21-32	"	"
		5-21	ABK/PR/C	VFI/VS/VP/EXP			S 32-60		
		21-32	M/SAP/SCL	FI/S/P/SEXP					
		32-60	M/SAP/SL	FR/SS/SP/SEXP					
4P	"	0-2	GR/SL	FR/SS/SP/SEXP	>56" TO SOIL WETNESS	18	US 18-26	"	"
		2-18	ABK/PR/C	VFI/VS/VP/EXP			S 26-56		
		18-26	M/SAP/SCL	FI/S/P/SEXP					
		26-56	M/SAP/SL	FR/SS/SP/SEXP					
					SITE LTAR				.3 GPD/FT^2

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

Other Factors (.1946): None
Soil Evaluation By: Chris Sherrill, RS, LSS
Others Present: S.Stevens
Site Classification (.1948):
Site Evaluation By:
Others Present:

Sheet: 2 of 2

COMMENTS: 100% Repair Area Required

FILE #: 7192B

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			
FP-Flood Plain		CL-Clay Loam	
		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

Structure

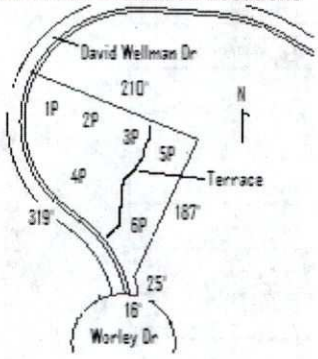
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

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

File #: 7192B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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
5P	LS,10	0-7	GR/SL	FR/SS/SP/SEXP	>39" TO SOIL WETNESS	17	US 19-33	NONE	US
		7-19	ABK/PR/C	VFI/VS/VP/EXP			S 33-39		
		19-33	M/SAP/SCL	FI/S/P/SEXP					
		33-39	M/SAP/SL	FR/SS/SP/SEXP					
6P	"	0-5	GR/SL	FR/SS/SP/SEXP	>44" TO SOIL WETNESS	12	S 12-27	"	US,IV
		5-12	SBK/ABK/C	FI/S/P/SEXP			US 27-44		.125 GPD/FT^2/LPP
		12-27	M/SAP/SL	FR/SS/SP/SEXP					
		27-44	M/SAP/CL	VFI/VS/VP/EXP					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/27/07	**Amount:**	2,400.00
Receipt #:	51522	**Tendered:**	2,400.00
Check / Auth #:	CHECK 2868	**Returned:**	0.00
Received By:	AIDOOJK		

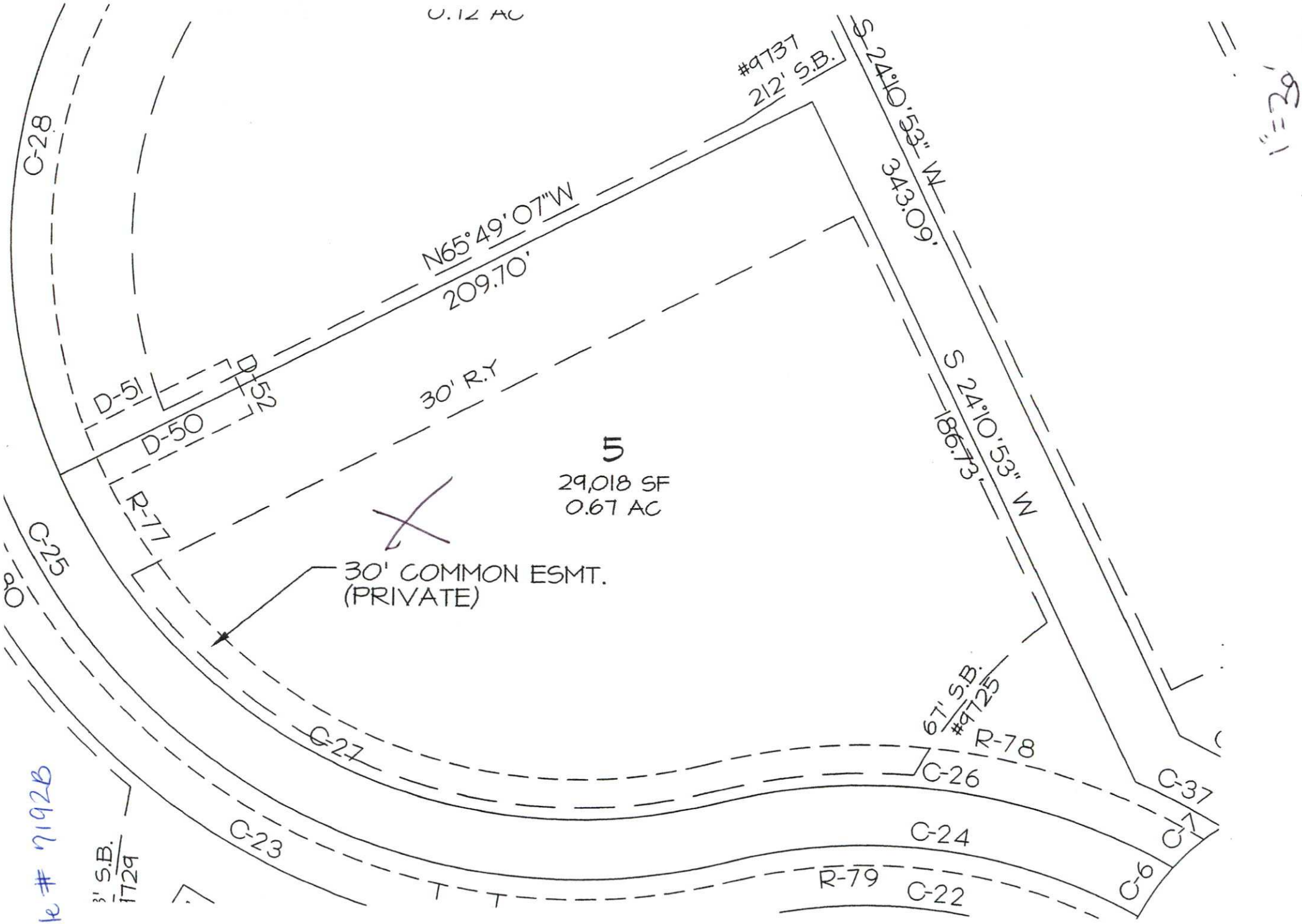
Account Information

Account #: 200000
Contractor: STEVENS LAND DEVELOPMENT
Attn:
Address: 15605 SULLIVAN RIDGE DRIVE
Address:
City/State/Zip: CHARLOTTE, NC 28277

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen WORLEY DRIVE LOTS 1-12		1	2,400.00	2,400.00

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

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


0.12 AC
#9737
212' S.B.
S 24°10'53" W
343.09'
N65°49'07"W
209.70'
C-28
D-51
D-50
75'
30' R.Y
5
29,018 SF
0.67 AC
S 24°10'53" W
186.73'
R-77
C-25
30' COMMON ESMT.
(PRIVATE)
67' S.B.
#9725
R-78
C-27
C-26
C-37
C-24
C-23
R-79
C-22
C-6
C-7
3' S.B.
1729
file # 11928
1" = 20'

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

Sheet: 1 of 2
Property ID: 111-036-14
Lot #: 5
File #: 7192B
AppID: 2453

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Stevens Land Development, Inc.
Applicant: Scott Stevens
Address: 15605 Sullivan Ridge Rd., Charlotte, NC 28277
Date Evaluated: 7/13/2007
Proposed Facility: Residence
Design Flow (.1949): 480 gpd
Property Size:
Location of Site: 9725 Worley Dr.
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] 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,8	0-10	GR/SL	VFR/NS/NP/SEXP	>16" TO SOIL WETNESS	16+	NA	NONE	US
		10-16	ABK/C	VFI/VS/VP/EXP					
2	"	0-6	ABK/C	VFI/VS/VP/EXP	>6" TO SOIL WETNESS	6+	"	"	"
		6-45	SBK/C	FI/S/P/SEXP					
3	"	0-2	GR/SL	VFR/NS/NP/SEXP	>9" TO SOIL WETNESS	9	"	"	"
		2-9	ABK/C	VFI/VS/VP/EXP					
		9+	M/SAP						
4	"	0-8	GR/SL	VFR/NS/NP/SEXP	>20" TO SOIL WETNESS	20+	"	"	"
		8-20	ABK/C	VFI/VS/VP/EXP					
					SITE LTAR				US

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

Other Factors (.1946): Backhoe pits required to evaluate saprolite
Soil Evaluation By: Chris Sherrill, RS, LSS
Others Present: No
Site Classification (.1948):
Site Evaluation By:
Others Present:

Sheet: 2 of 2

COMMENTS: 100% Repair Area Required FILE #: 7192B

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

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

Sketch of Soil Evaluation Locations

