

Bres2011-0028

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: *Arnetta Simpson*
 Applicant:

Address: *41 Jessica CT*

Date Evaluated: *11-24-2010*

Proposed Facility: *modular*

Design Flow (.1949): *600 GPD*

Property Size:

Location of Site:

Property Recorded:

Water Supply:

Public Individual Well Spring Other

Evaluation Method: Auger Boring

Pit Cut

Type of Wastewater:

Sewage Industrial Process Mixed

P R O F I L E #	.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	
1	<i>L</i> <i>2-5%</i>	<i>0-6</i>	<i>LS(A) Gr</i>		<i>10YR2.6/1 @ 40"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i> <i>Group III</i>
		<i>6-28</i>	<i>LS Gr</i>						
		<i>28-48</i>	<i>SC1 SBh</i>						
2	<i>L</i> <i>2-5%</i>	<i>0-6</i>	<i>LS(A) Gr</i>		<i>10YR2.6/1 @ 38"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i> <i>Group III</i>
		<i>6-20</i>	<i>LS Gr</i>						
		<i>20-48</i>	<i>SC1 SBh</i>						
3	<i>L</i> <i>2-5%</i>	<i>0-6</i>	<i>LS(A) Gr</i>						
		<i>6-12</i>	<i>LS Gr</i>		<i>10YR2.6/2 @ 26"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i> <i>Group III</i>
		<i>12-48</i>	<i>SC1 SBh</i>						
4-5	<i>L</i> <i>2-5%</i>	<i>0-6</i>	<i>LS(A) Gr</i>		<i>10YR2.6/2 @ 32"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i> <i>Group III</i>
		<i>6-18</i>	<i>LS Gr</i>						
		<i>18-48</i>	<i>SC1 SBh</i>						

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>M Osborne RCH</i> Others Present:
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>50% red</i>	<i>50% red</i>	
Site LTAR	<i>.4</i>	<i>.4</i>	

COMMENTS: _____

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

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

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Will need 4"-6" of cover depending on type of system

Pond

Show profile locations and other site features (dimensions, references or benchmark, and North)

