

# 458

*Mason Hill  
 Lot 458  
 Dec 2010-0010*

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

Owner:                      Applicant:  
 Address:                      Date Evaluated:  
 Proposed Facility:                      Design Flow (.1949):                      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	L 2-5%	0-6	LS(A) Gr	Fr/ns/NP/NXP					PS
		6-31	SL Gr	Fr/ns/NP/NXP	>48"	>48"	—	—	.5
		31-48	SCI SBk	Fr/ss/sp/sxp					Group III
2	L 2-5%	0-6	LS(A) Gr	Fr/ns/NP/NXP					PS
		6-34	SL GR	Fr/ns/NP/NXP	>48"	>48"	—	—	.5
		34-48	SCI SBk	Fr/ss/sp/sxp					Group III
3	L 2-5%	0-8	LS(A) Gr	Fr/ns/NP/NXP					PS
		8-18	SL Gr	Fr/ns/NP/NXP	>48"	>48"	—	—	.5
		18-48	SCI SBk	Fr/ss/sp/sxp					Group III
4	L 2-5%	0-11	LS(A) Gr	Fr/ns/NP/NXP					PS
		11-14	SL Gr	Fr/ns/NP/NXP	>48	>48	—	—	.5
		14-48	SCI SBk	Fr/ss/sp/sxp					Group III

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): PS
System Type(s)	25% red	25% red	Evaluated By: M. Blum REHS
Site LTAR	.5	.5	Others Present:

COMMENTS: \_\_\_\_\_

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

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

