

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

SFD 2105-0043

Owner: Weaver Homes
 Applicant: Weaver Homes
 Address: 4934 Barbecue Ch
 Proposed Facility: SFD

Date Evaluated: 6-16-21
 Design Flow (.1949): 360 GPD
 Property Recorded:

Property Size:
 Spring Other

Water Supply: Public Individual Well
 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	
PIT 1	L	0-5	LS Gr	Fc/nc/wp/np	(Front of House Initial)				PS. 4
	< 2%	15-18	SCI SBk	Fc/SS/SP/XP	10YR 6/2 ≥ 36"	> 48"	—	—	Group III
PIT 2	L	0-8	LS Gr	Fc/nc/wp/np	10YR 6/2	> 36"	—	—	
	2-5%	8-36	SCI SBk	Fc/SS/SP/XP	≥ 16" (mound)	(side of house)			PS. 3 Group I
PIT 3	L	0-3	LI Gr	Fc/nc/wp/np		> 36"	—	—	U
	2-5%	3-36	SCI SBk	Fc/SS/SP/XP	10YR 6/2 ≤ 8"	(Back corner of House)			
PIT 4	L	0-20	LS Gr	Fc/nc/wp/np	10YR 6/2	> 48"			PS. 4
	5-7%	20-48	SCI SBk	Fc/SS/SP/XP	≥ 32"	(in woods behind house repair)	—	—	Group III

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: <u>PJ M Oskam RGH</u> Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	252 end	252 end	
Site LTAR	.4	.4	

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)

