

Property ID:

Lot #: 48

File #:

Code:

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

Owner: Allied Invest.

Address: P.O. Box 53780

Applicant: Weaver Dev.

Date Evaluated: 12/16/06

Proposed Facility: sfd Design Flow (.1949): 480 gpd

Property Size: .52 ac

Location of Site: 1115 Buffalo Lake Rd.

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	SS 22%	0-48	SL gr	vfr ns np		48			.6 S
2	LS 22%	0-25	SL gr	vfr ns np					.6 S
		25-35	SCL sbk	fr ss sp					.6 S
		35-48	SL gr	vfr ns np		43			
3	LS 22%	0-16	SL gr	vfr ns np					.6 S
		16-48	SL sbk	vfr ss sp		40			.6
		0-48	GA SL	vfr ss		43			.6
		0-48	GA SL	vfr ss		48			.6
		0-48	GA SL	vfr ss		40			.6

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25i.	LPP
Site LTAR	.6	.6

Other Factors (.1946): _____

Site Classification (.1948): S

Evaluated By: JT CP JW

Others Present:

COMMENTS: _____

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

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

