

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

Owner: **LGI** Applicant:

Address: **79 Empress**
Proposed Facility: **SFD**

Location of Site:

Water Supply:

Evaluation Method: ☐ Auger Boring

Type of Wastewater:

Date Evaluated:

Design Flow (.1949): **360 GPD**

Property Recorded:

Property Size:

☒ Public ☐ Individual ☐ Well ☐ Spring ☐ Other
☒ Pit ☐ Cut
☐ 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	LSS 8%	0-16	LG/SL	VFr, ns, mp, sep					UN
		0-20	WG/SS	VFr, ns, mp, sep					
		20-36	mg, SDK/SC	VFr, VS, up, exp	10 yr 8/1 @23"	36"			
2	LSS 8%	0-11	Wm, Gt/SL	VFr, ns, mp, sep					S 0-35
		11-17	Wm, Gt/SS	VFr, ns, mp, sep					
		17-38	mg, SDK/SC	VFr, VS, up, exp	10 yr 8/2 @30"	38"			
3	R 5%	0-18	Wm, Gt/SL	VFr, ns, mp, sep					S 0-6
		18-32	Wm, Gt/LS	VFr, ns, mp, sep					
		32-41	Wm, SDK/SEL	Fr, sh, sp, sep		48"			
4	LSS 5%	0-16	Wm, Gt/SL	VFr, ns, mp, sep					S 0-6
		16-35	Wm, Gt/LS	VFr, ns, mp, sep					
		35-44	Wm, SDK/SEL	Fr, sh, sp, sep		44"		Dark @44"	
5	LSS 6%	0-8	Wm, Gt/SL	VFr, ns, mp, sep					S 0-35
		8-17	Wm, Gt/LS	VFr, ns, mp, sep					
		17-39	Wm, SDK/SEL	VFr, ns, mp, sep	10 yr 7/1 @26"	39"		M/C 39"	
		39-44	M/C	VS, VS, up, exp					

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: S. M. Ch. AEHS / A. T. Others Present:
Available Space (.1945)			
System Type(s)			
Site LTAR	.6	.6	

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
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			

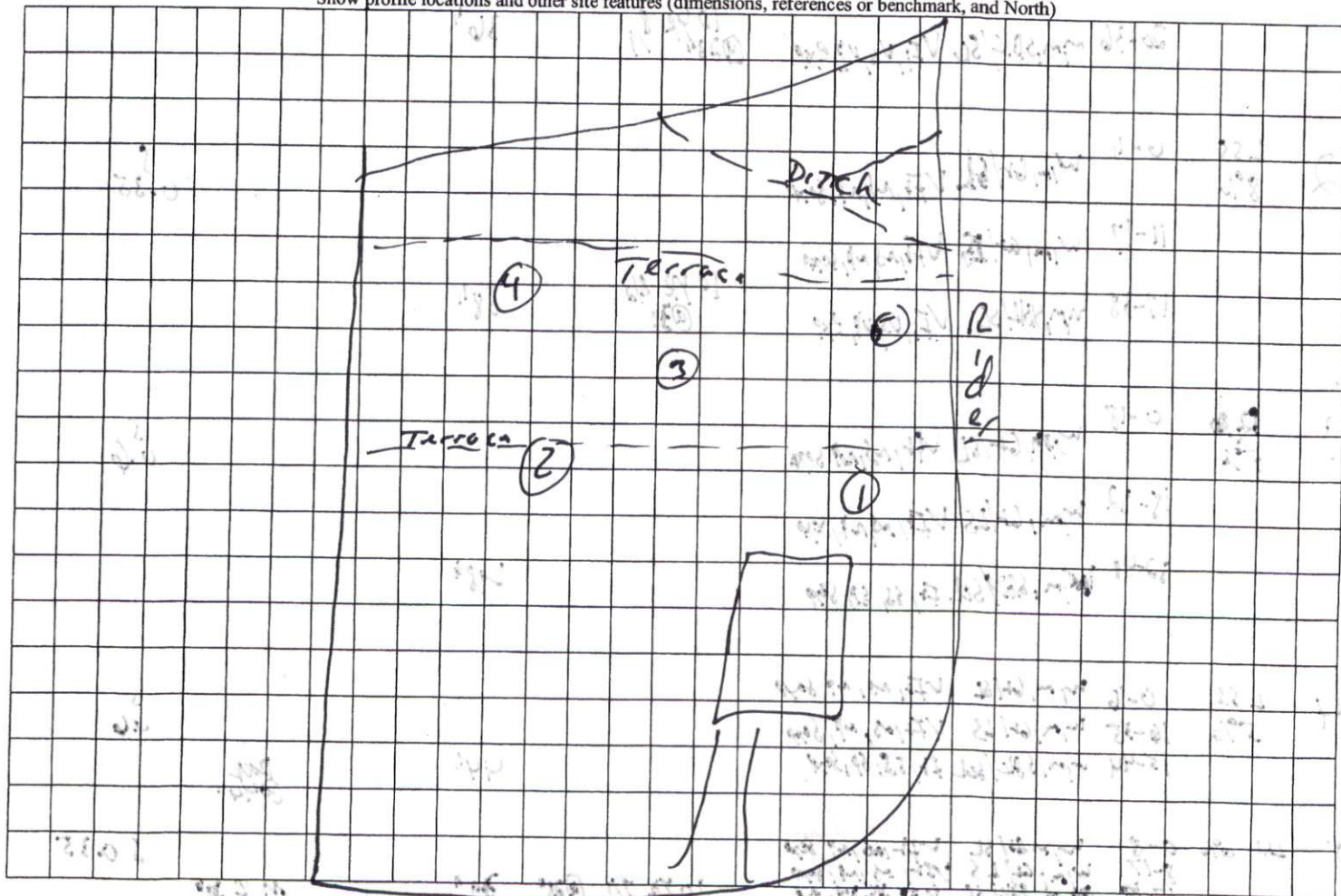
STRUCTURE

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, references or benchmark, and North)



Empress